

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

I_{NFORMATION}

S_{YSTEM}

The requested documents have been generated by BIRIS.

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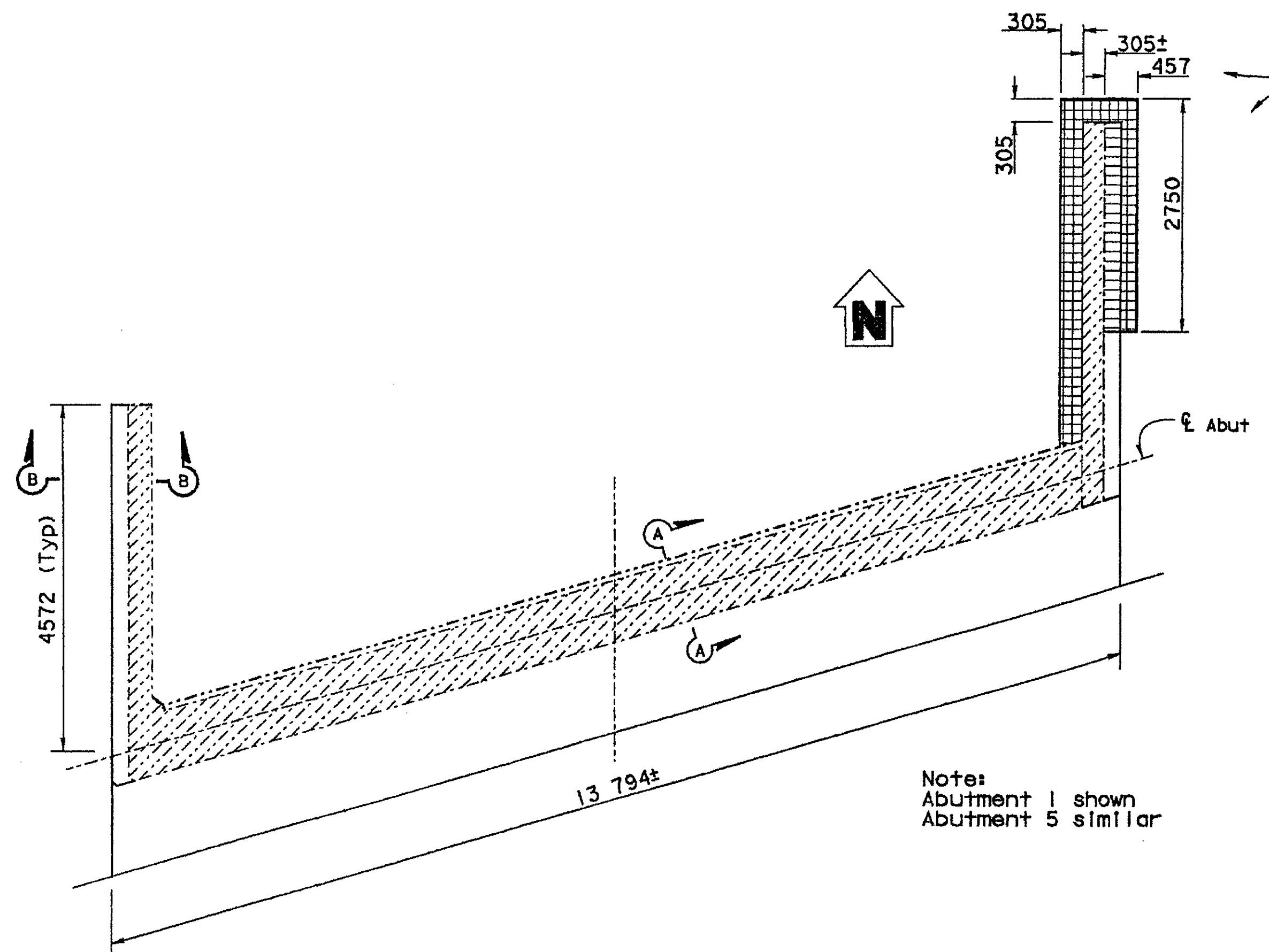
Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.

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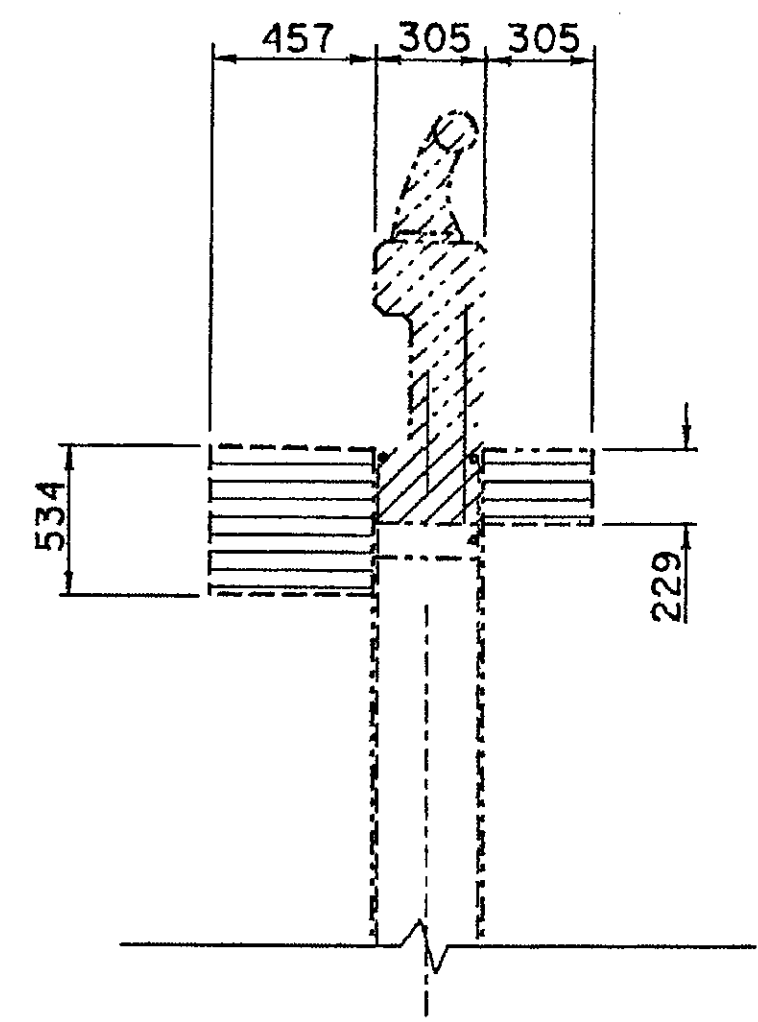
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	Kin	43	29.3	42	45

10/8/99
REGISTERED CIVIL ENGINEER
12-20-99
PLANS APPROVAL DATE
No. 36610
Exp. 6/30/00
CIVIL
STATE OF CALIFORNIA

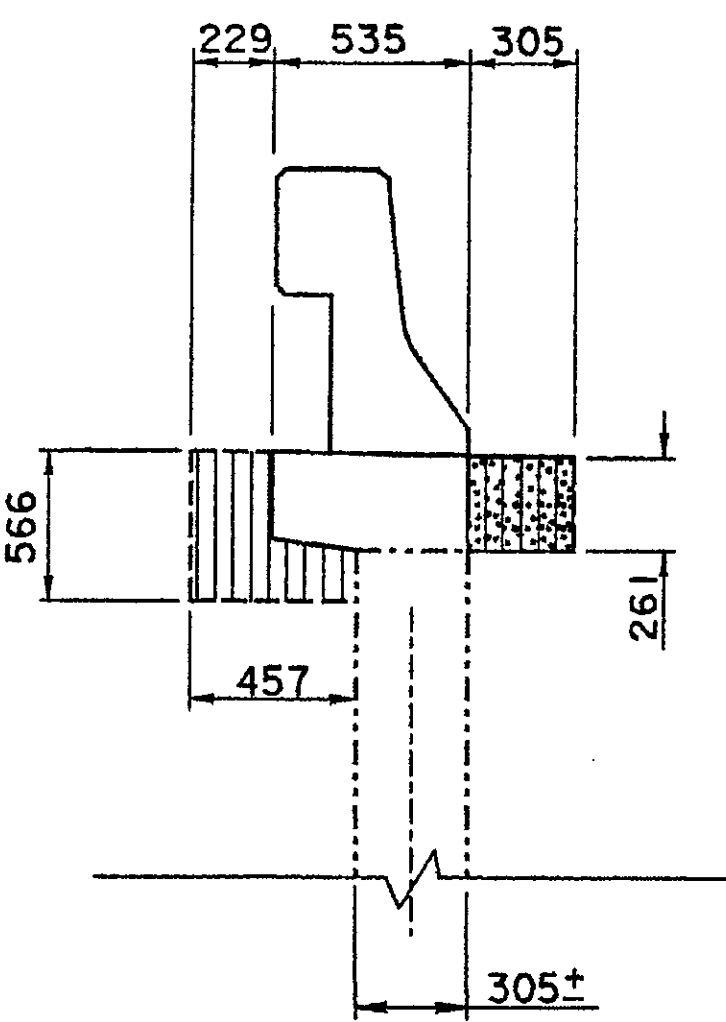


ABUTMENT PLAN

1:50



EXCAVATION

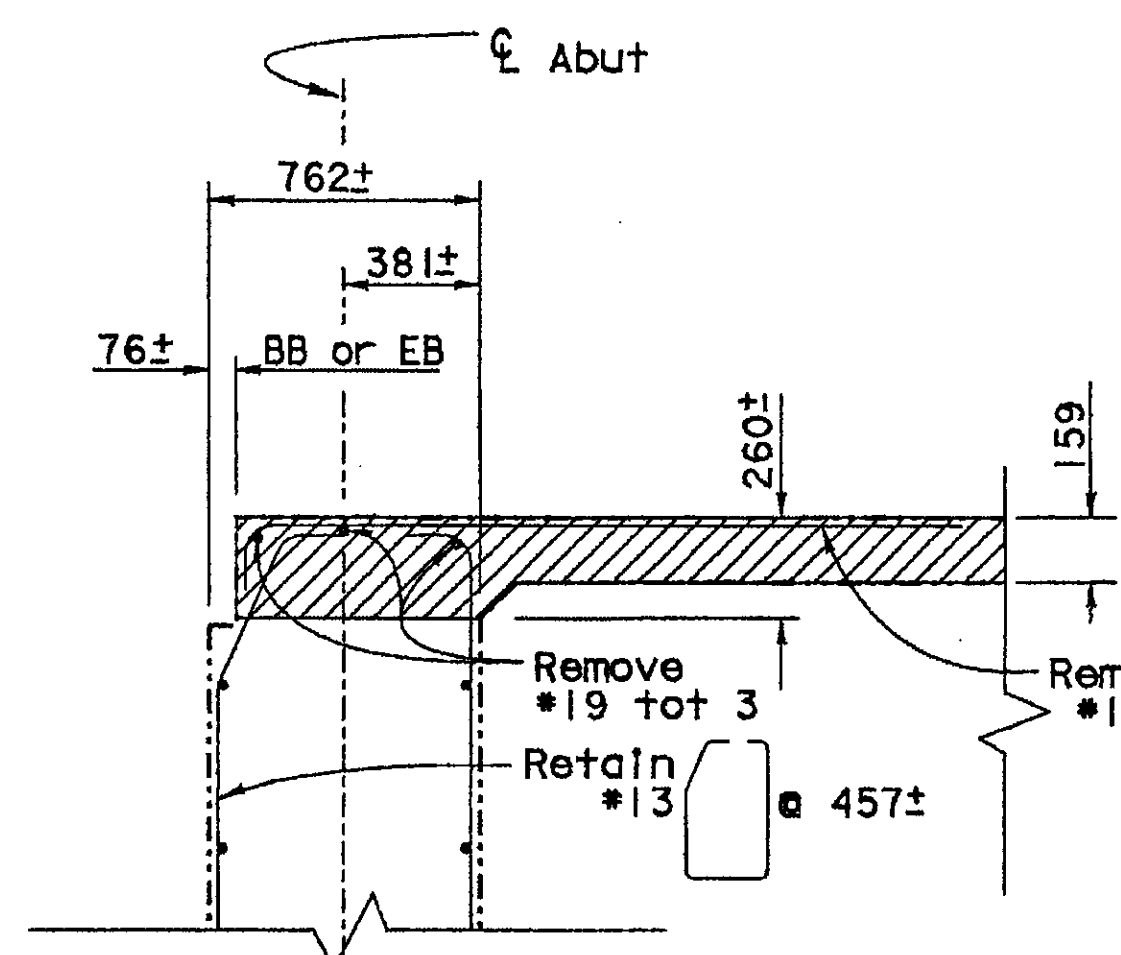


BACKFILL

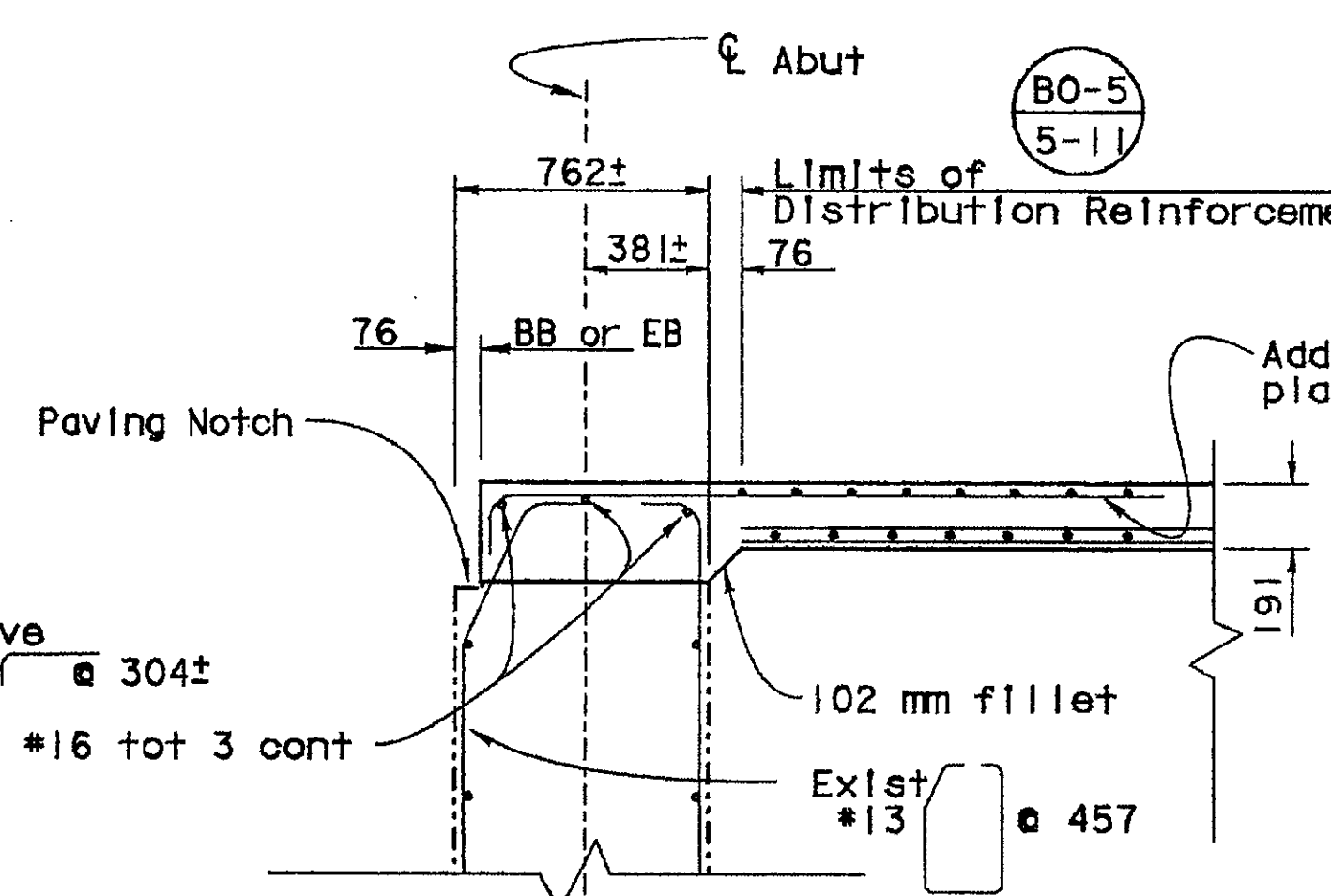
LIMITS FOR EXCAVATION AND BACKFILL

1:20

Typical Limits for Excavation and Backfill



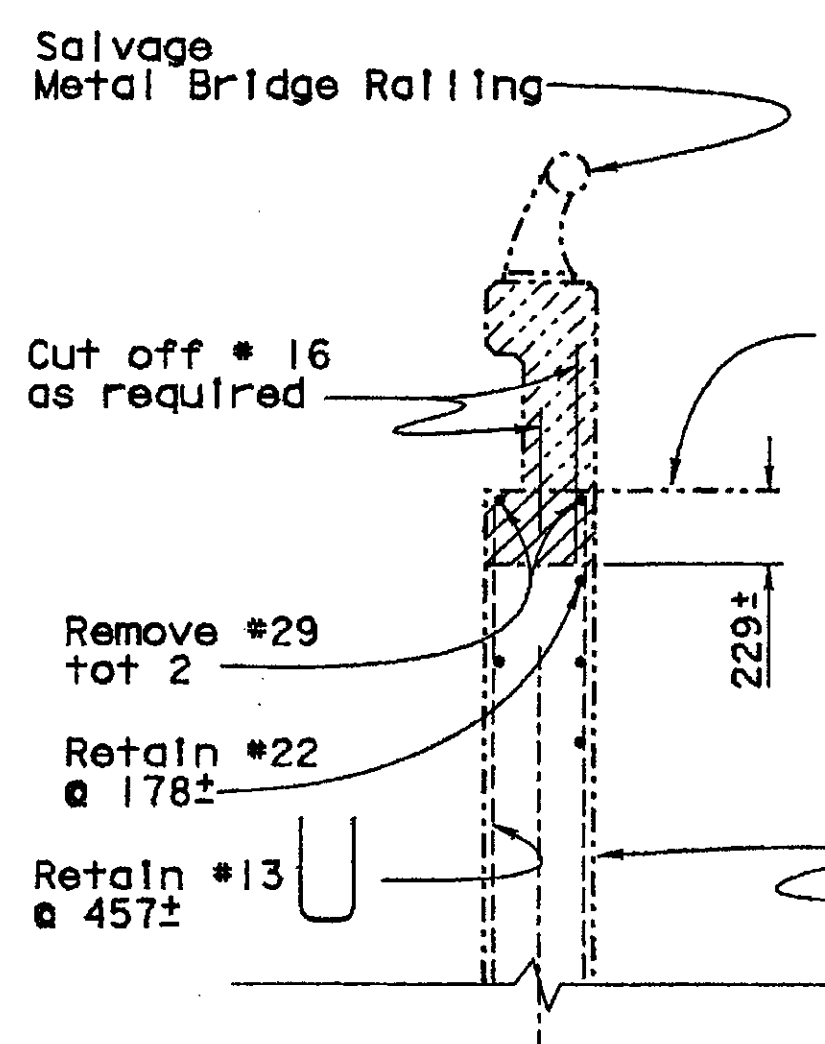
EXISTING



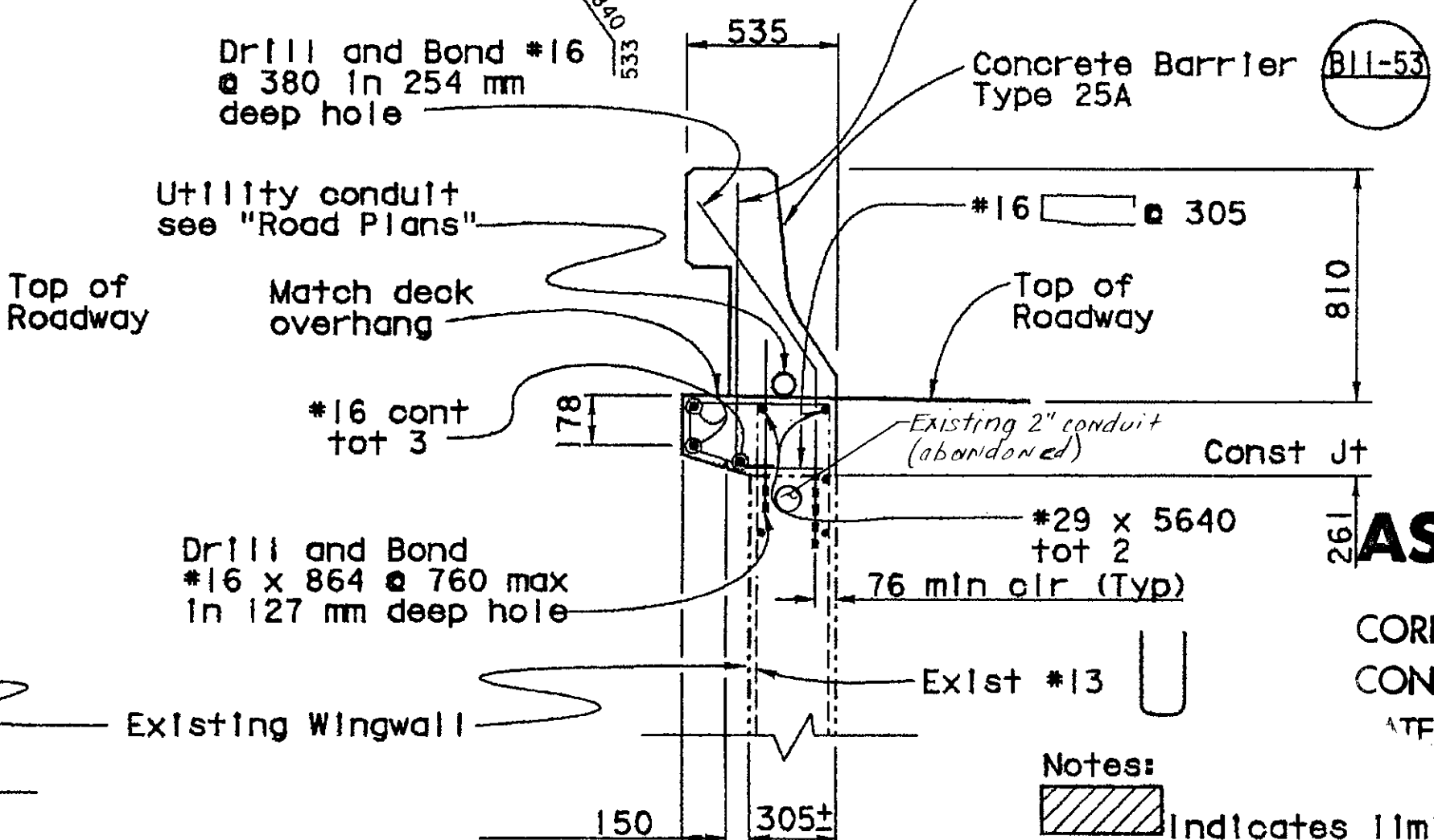
RECONSTRUCTION

SECTION A-A

1:20



EXISTING



RECONSTRUCTION

SECTION B-B

1:20

AS BUILT

CORRECTIONS BY K. Law
CONTRACT NO. 06-398304
DATE 9/18/01 MGT 10/24/01

- Notes:
- Indicates limits of concrete removal
 - Indicates limits of Excavation
 - Indicates limits of Backfill
 - Indicates Backfill with AC, see "Road Plans"

Roughen existing concrete surface 6 mm amplitude before placing new concrete. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN	BY William W. Addiespurger	CHECKED John Mook	BRIDGE NO.	45-0080	ROUTE 43/198 SEPARATION-DECK REPLACEMENT
DETAILS	BY Michael Torres	CHECKED John Mook	KILOMETER POST	29.3	ABUTMENT DETAILS
QUANTITIES	BY Dwight Maniulu	CHECKED William W. Addiespurger			

STATE OF CALIFORNIA
DIVISION OF STRUCTURES
STRUCTURES DESIGN CCMB
DEPARTMENT OF TRANSPORTATION

CU 06125
EA 398301

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)	4/22/95	5/5/95	8/14/95	8/14/95	9/28/95				
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SHEET 2 OF 5

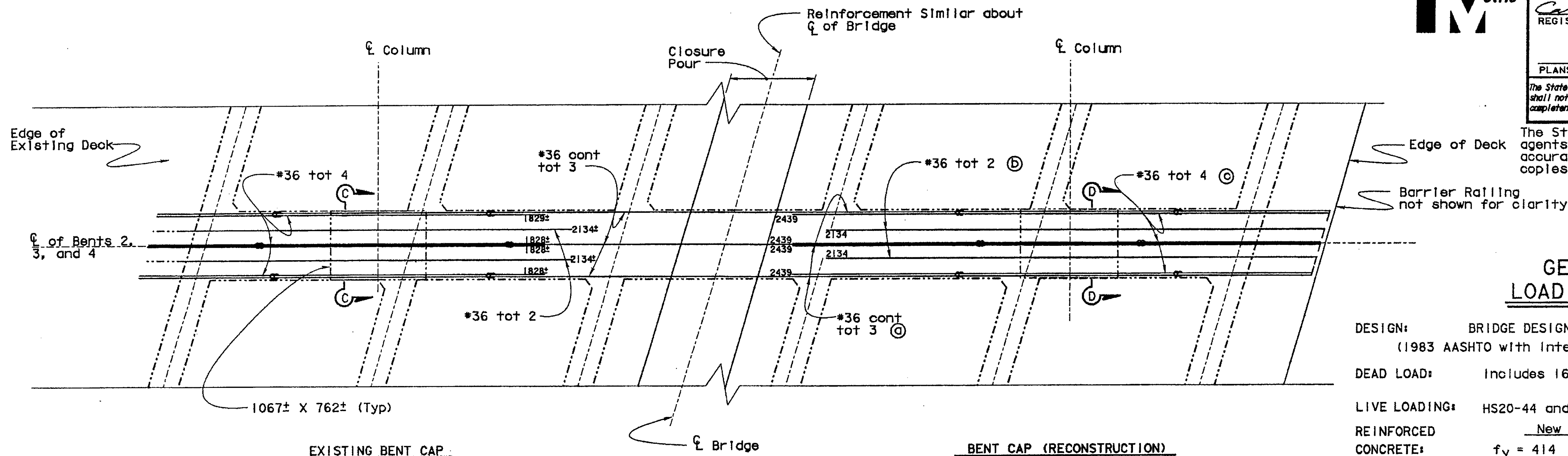
USERNAME => rpt115 DATE PLOTTED => 28-Dec-1999 TIME PLOTTED => 13:56



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	KIn	43	29.3	44	45

10/8/99
REGISTERED CIVIL ENGINEER
12-20-99
PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
LICHUN CARL HUANG
No. 36610
Exp. 6/30/00
CIVIL
STATE OF CALIFORNIA



GENERAL NOTES LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS
(1983 AASHTO with Interims and Revisions by CALTRANS)

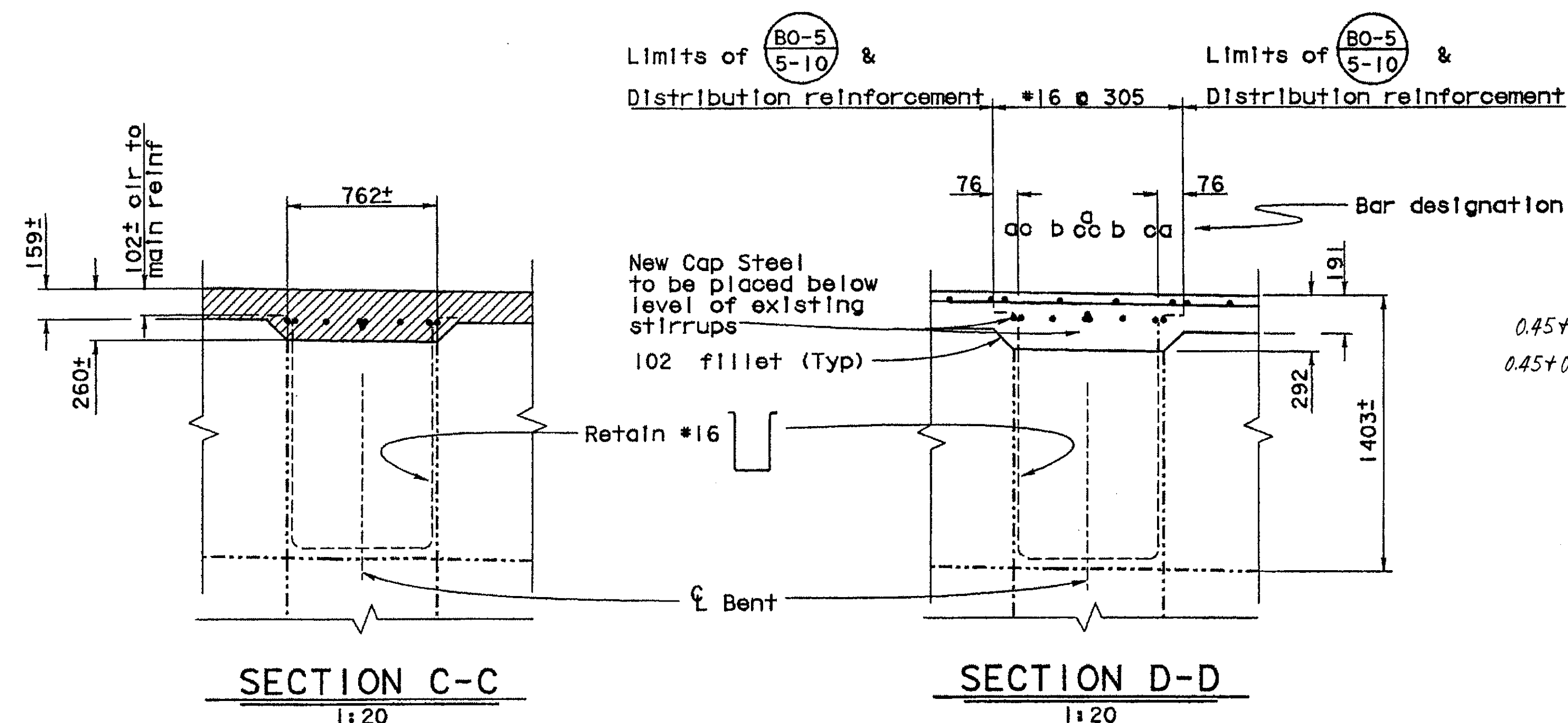
DEAD LOAD: Includes 1676 Pa for future wearing surface.

LIVE LOADING: HS20-44 and alternative and permit design load.

REINFORCED CONCRETE:

	New	Assumed Existing
f_y	414 MPa	303 MPa
f'_c	25 MPa	31 MPa
n	9	8

PLAN 1:25



NOTE:
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL.

TEMPORARY SUPPORT TABLE FOR ONE HALF WIDTH OF BRIDGE

LOCATION	DL (KN)	DL+LL+I (KN)	LATERAL TEMPORARY SUPPORT (KN)	MAXIMUM UPWARD DEFLECTION (mm)
0.45 Point-Span 2	775**	-----	40	-----
0.55 Point-Span 2	775**	-----	40	-----
0.45 Point-Span 3	775**	-----	40	-----
0.55 Point-Span 3	775**	-----	40	-----
Each Girders @ Bents	700	1300	130	0
0.5 Points Span 2*	660/2	-----	35	6
0.5 Points Span 3*	660/2	-----	35	6

TEMPORARY SUPPORT NOTES

The maximum allowable transverse displacement of the superstructure measured at the girder soffit relative to the base of the temporary support is 25 mm.

Maximum downward deflection is zero for all temporary supports

Jacking operations shall not exceed the dead load nor the maximum upward deflection after deck removal.

Upward deflection of the girders at midpoints of spans 2 and 3 shall not exceed 6 mm prior to completion of bridge removal operations.

Vertical deflection shall be maintained during deck placement and until new deck attains the required strength.

Loads apply for one half width of bridge as shown in table, except support entire width of bridge at bent locations.

* Jacking Point, "DL" equals maximum jacking load.
Jacking shall be evenly distributed between the girders.

NO CORRECTIONS THIS SHEET

AS BUILT

CORRECTIONS BY K. Low
CONTRACT NO. 06-392304
DATE 4/18/01 M&T 12.54pt 01

NOTES:

Indicates limits of removal of existing concrete deck, fillets and deck reinforcing.

Indicates bundled bars

Numbers at ends of bars indicates distance in millimeters from ϕ of column

Roughen existing concrete surface 6mm amplitude before placing new concrete.

All reinforcement #36 unless otherwise noted

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SHOWN

DESIGN	BY William W. Addiespurger	CHECKED John Wook
DETAILS	BY Michael Torres	CHECKED John Wook
QUANTITIES	BY Dwight Manulu	CHECKED William W. Addiespurger

STATE OF
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES
STRUCTURES DESIGN CCMB

BRIDGE NO.
45-0080
KILOMETER POST
29.33

ROUTE 43/198 SEPARATION-DECK REPLACEMENT
BENT DETAILS

STRUCTURES DESIGN DETAIL SHEET (METRIC) (REV. 3/1/99)

ORIGINAL SCALE IN MILLIMETERS
FOR REDUCED PLANS

CU 06125
EA 398301

DISSEMINATION BEARING
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 3 OF 5

FILE => bent_28135448

TIME PLOTTED => 13:58
DATE PLOTTED => 28-Dec-1999
USERNAME => trph115

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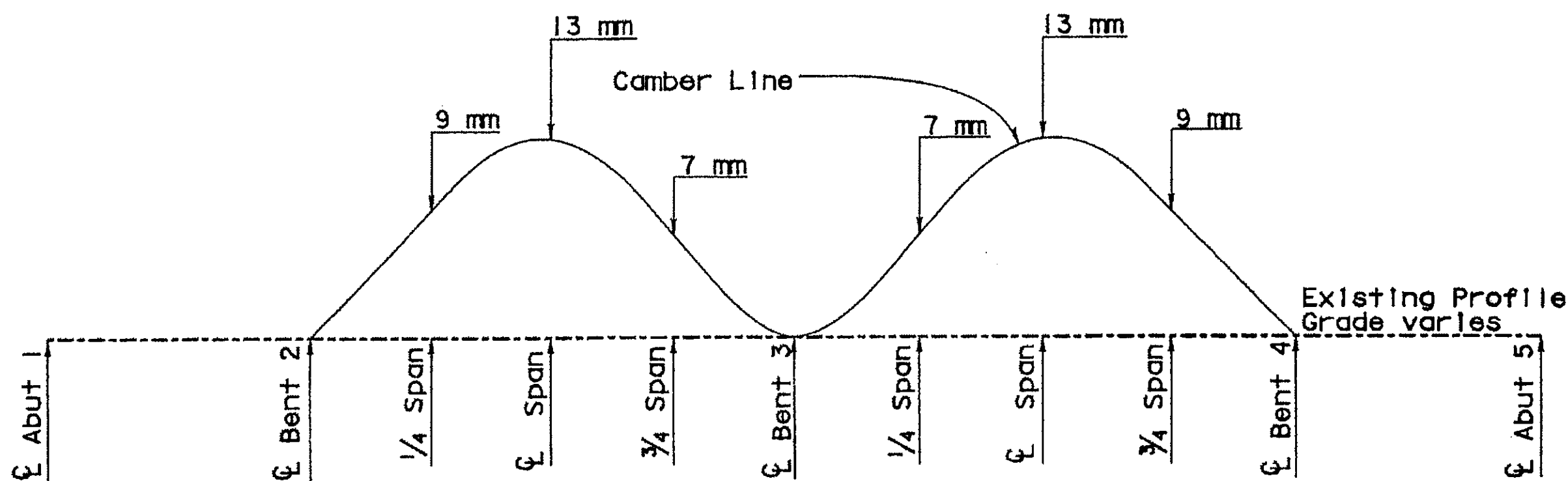
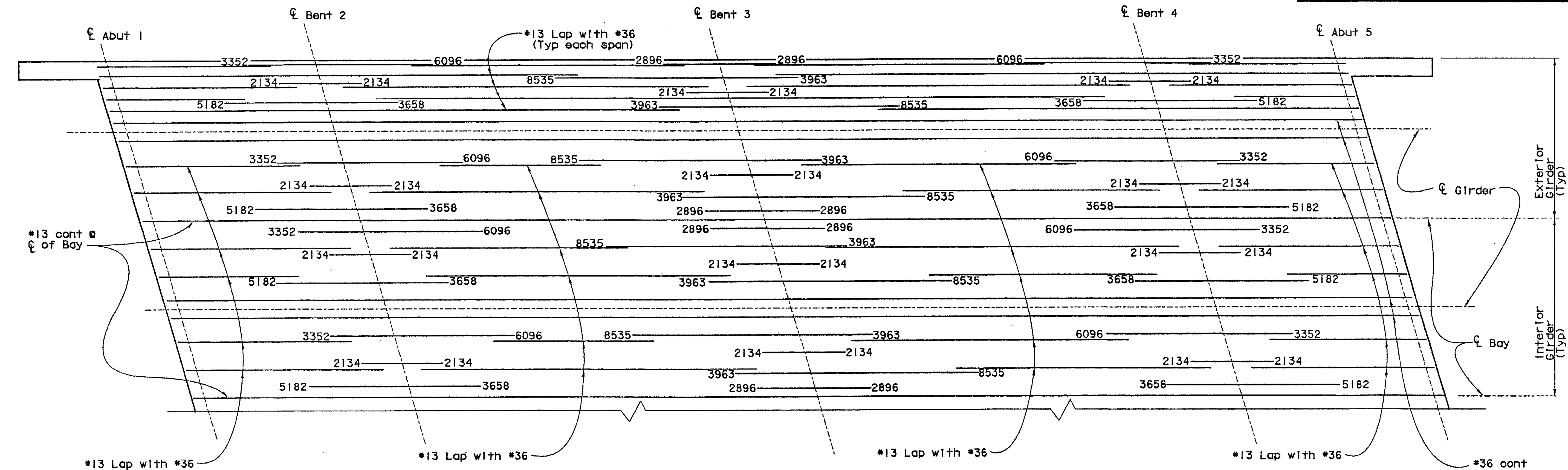
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	King	43	29.3	45	45

Carl Huang 10/8/99
REGISTERED CIVIL ENGINEER

12-20-99
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
LICHEN CARL HUANG
No. 36610
Exp. 6/30/00
CIVIL
STATE OF CALIFORNIA



NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

FALSEWORK RELEASE

ALTERNATIVE 1:
Falsework shall be released as soon as permitted by the specifications.
Closure pour shall not be placed sooner than 60 days after the falsework has been released.

ALTERNATIVE 2:
Falsework shall not be released less than 28 days after the last concrete has been placed.
Closure pour shall not be placed sooner than 14 days after the falsework has been released.

When "ALTERNATIVE 2" is used, camber values are 0.75 times those shown.

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE NOTED

DESIGN	BY William W. Addiespurger	CHECKED John Mook	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	45-0080	ROUTE 43/198 SEPARATION-DECK REPLACEMENT DECK-TOP REINFORCEMENT
DETAILS	BY Michael Torres	CHECKED John Mook		KILOMETER POST	29.3	
QUANTITIES	BY Dwight Manulu	CHECKED William W. Addiespurger		DISCARD PRINTS BEARING EARLIER REVISION DATES	5/1/98 6/1/98 8/1/98	

CU 06125
EA 398301

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 5 OF 5

FILE => toprefnf_28135454



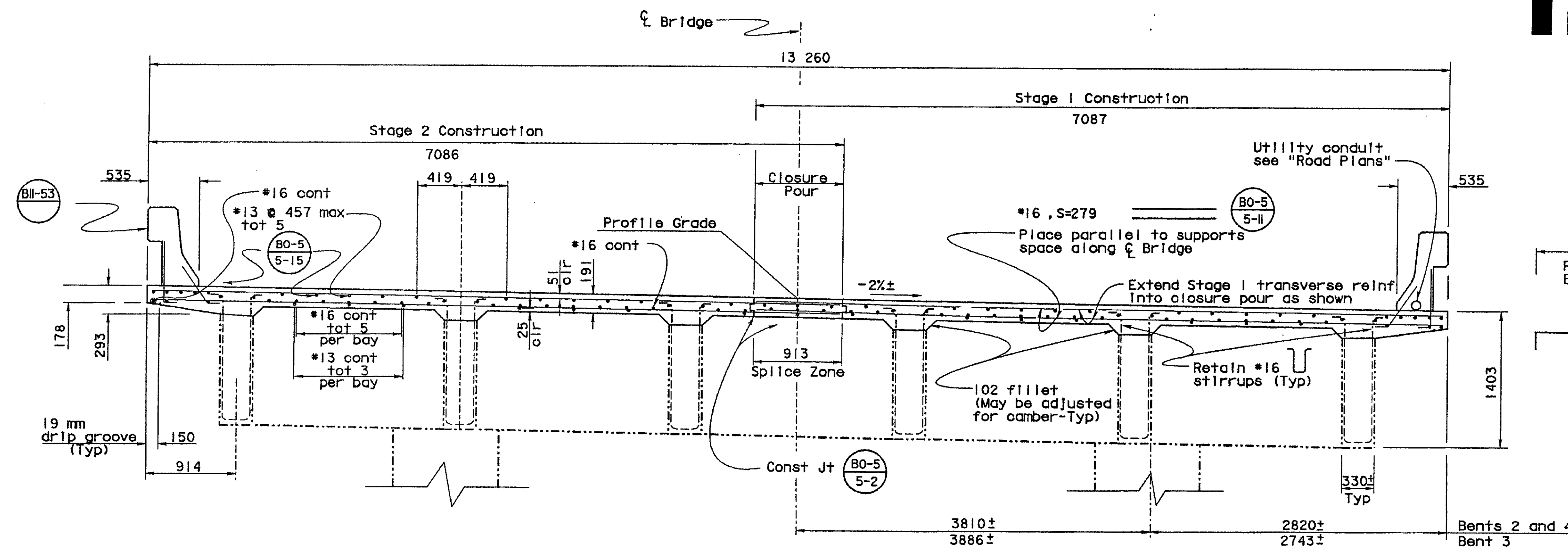
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Kin	43	29.3	43	45

Carl Huang 10/8/99
REGISTERED CIVIL ENGINEER

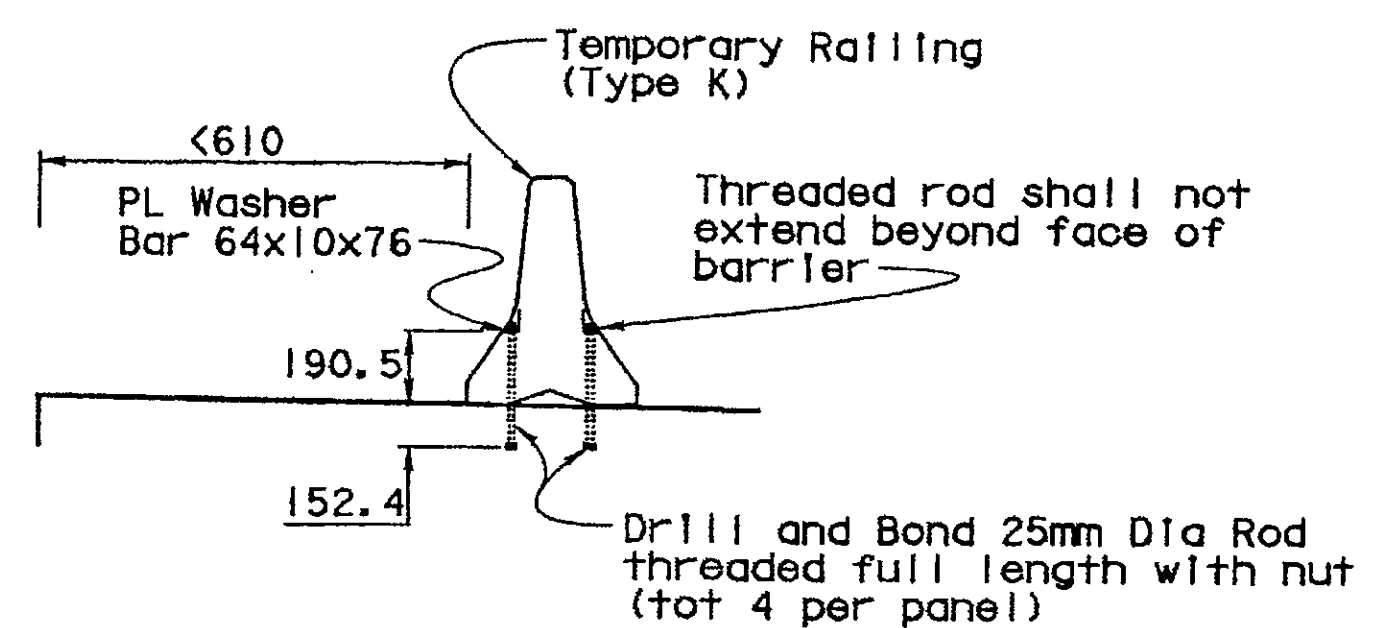
12-20-99
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
LICHUN CARL HUANG
No. 36610
Exp. 6/30/00
CIVIL
STATE OF CALIFORNIA



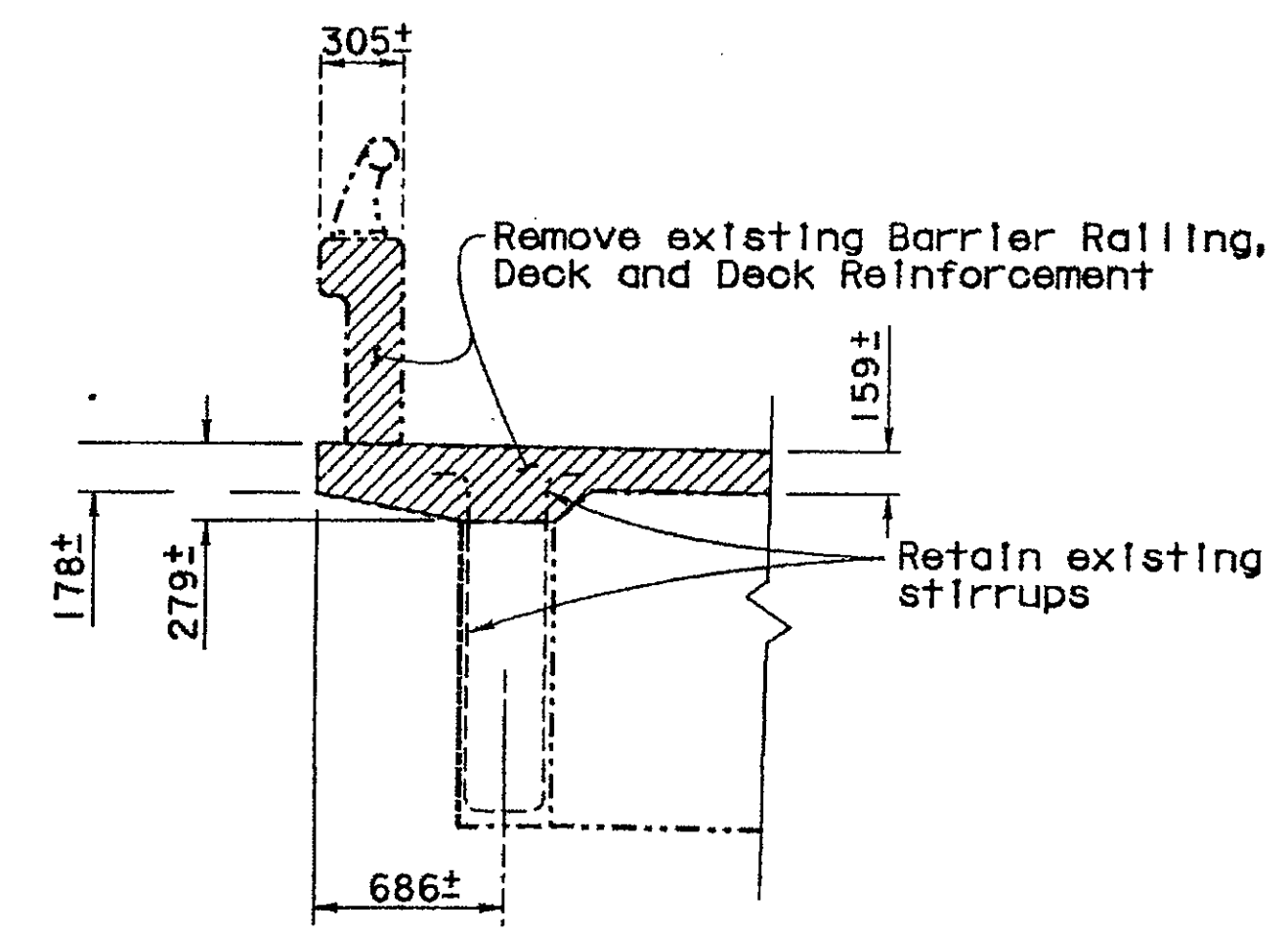
TYPICAL SECTION (DECK RECONSTRUCTION) 1:25



TEMPORARY RAILING ATTACHMENT DETAILS (THIS DETAIL REQUIRED ON STRUCTURE ONLY)

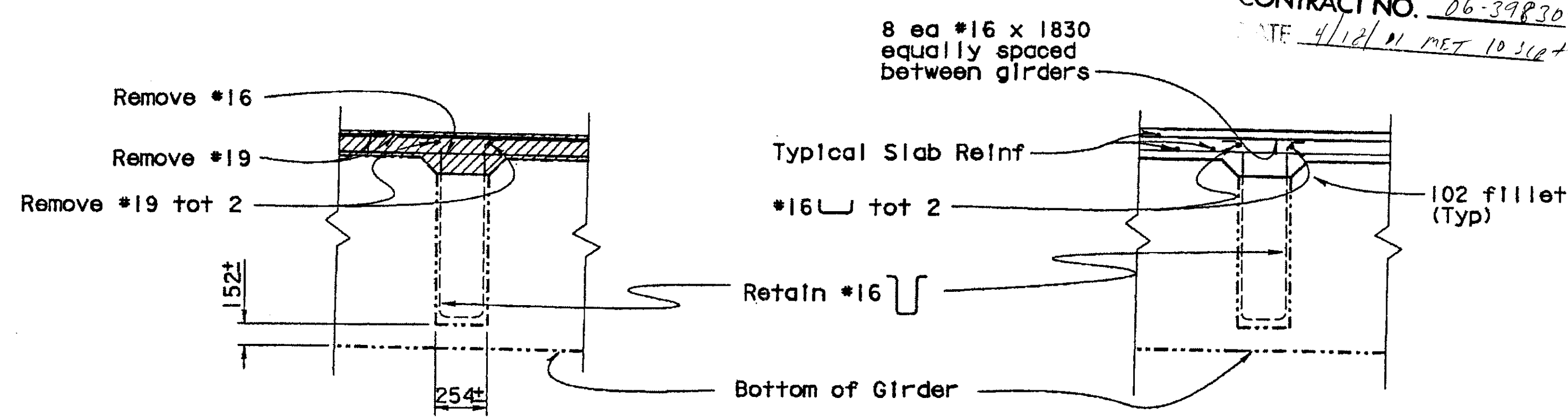
NOTES:

- Indicates limits of removal of existing concrete deck and fillets and deck reinforcing.
- Temporary Railing Type K. For locations see "Roadway Plans."
- Remove existing Type I Barrier Railing. Salvage existing metal railing.
- For reinforcing details not shown, see "DECK-TOP REINFORCEMENT" sheet.
- Roughen existing concrete surface 6 mm before placing new concrete.

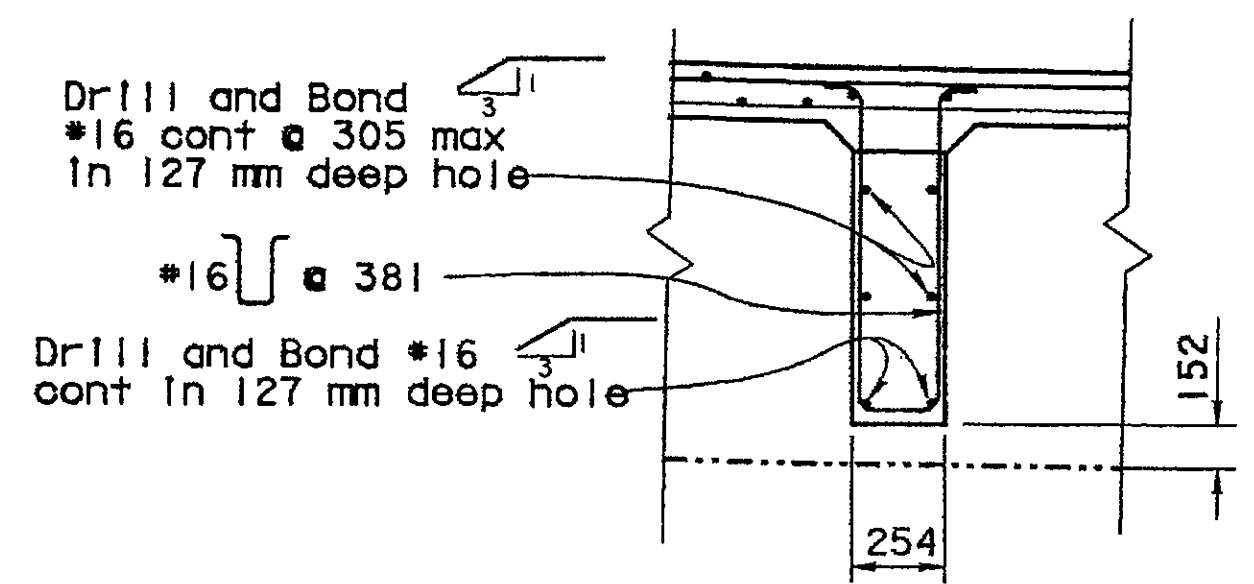


EXIST OVERHANG AND BARRIER 1:25

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



EXISTING DECK AND FILLET RECONSTRUCTION



RECONSTRUCTION AT CLOSURE POUR AREA

INTERMEDIATE DIAPHRAGM 1:25

DESIGN	BY William W. Addiespurger	CHECKED John Mook	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURES DESIGN CCMB	BRIDGE NO.	ROUTE 43/198 SEPARATION-DECK REPLACEMENT
DETAILS	BY Michael Torres	CHECKED John Mook			45-0080	
QUANTITIES	BY Dwight Manulu	CHECKED William W. Addiespurger			KILOMETER POST	
					29.3	TYPICAL SECTION

STRUCTURES DESIGN DETAIL SHEET (METRIC) REV. 3/1/99

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 06125
EA 398301

DISCARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

4 5

28-Dec-1999 13:57 TIME PLOTTED => 13:57 USERNAME => HPHHIS DATE PLOTTED =>



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	KIn	43	29.3	41	45

10/8/99

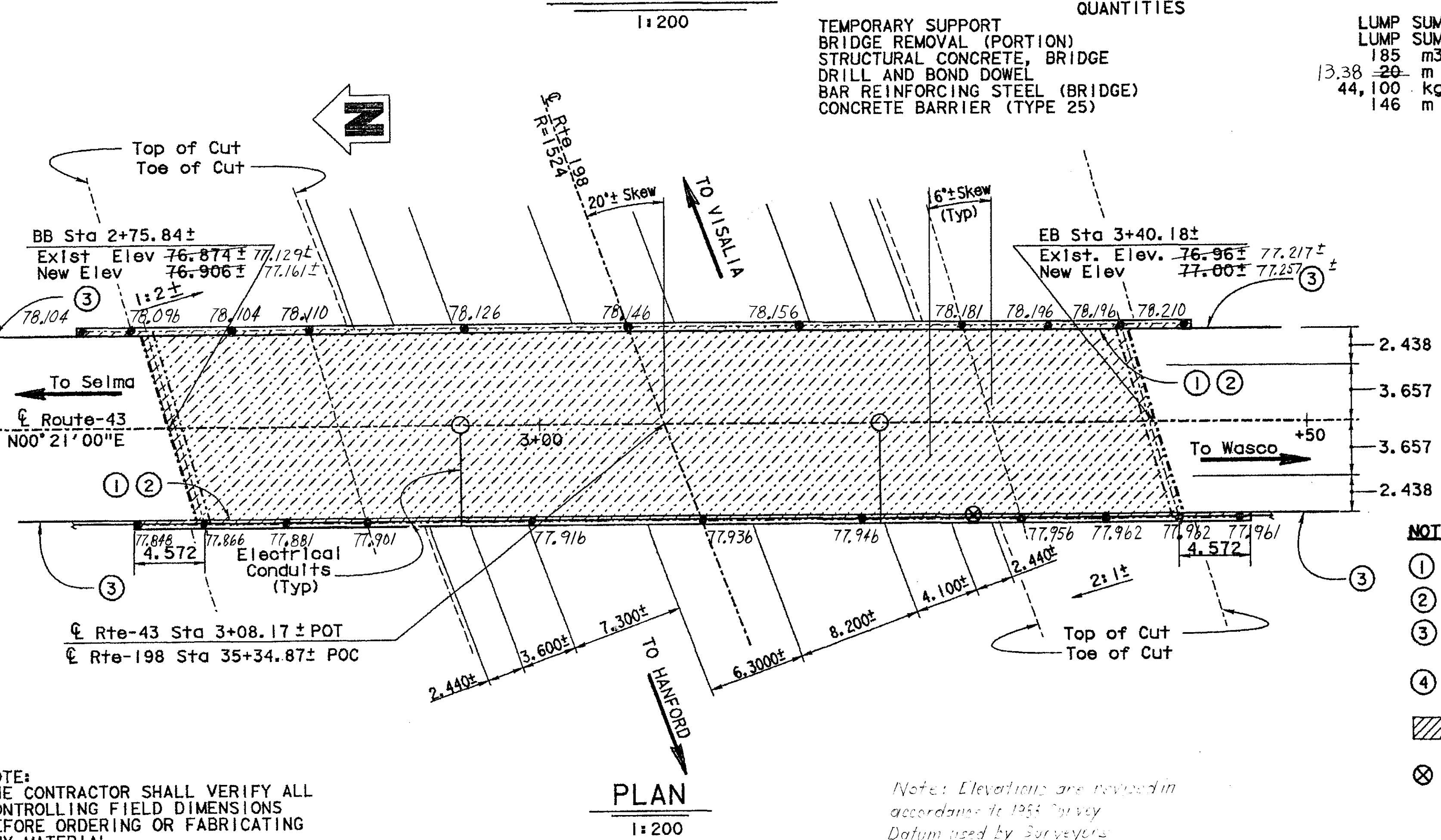
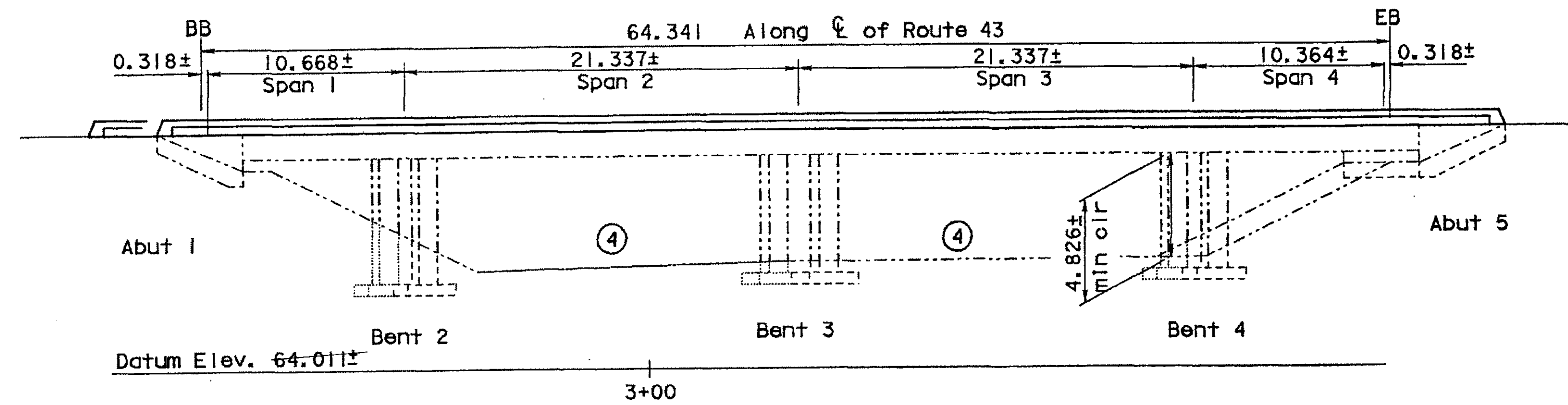
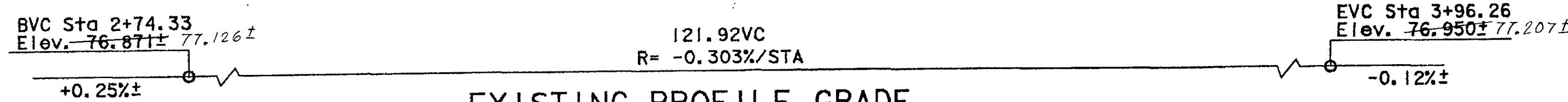
REGISTERED CIVIL ENGINEER

12-20-99

PLANS APPROVAL DATE

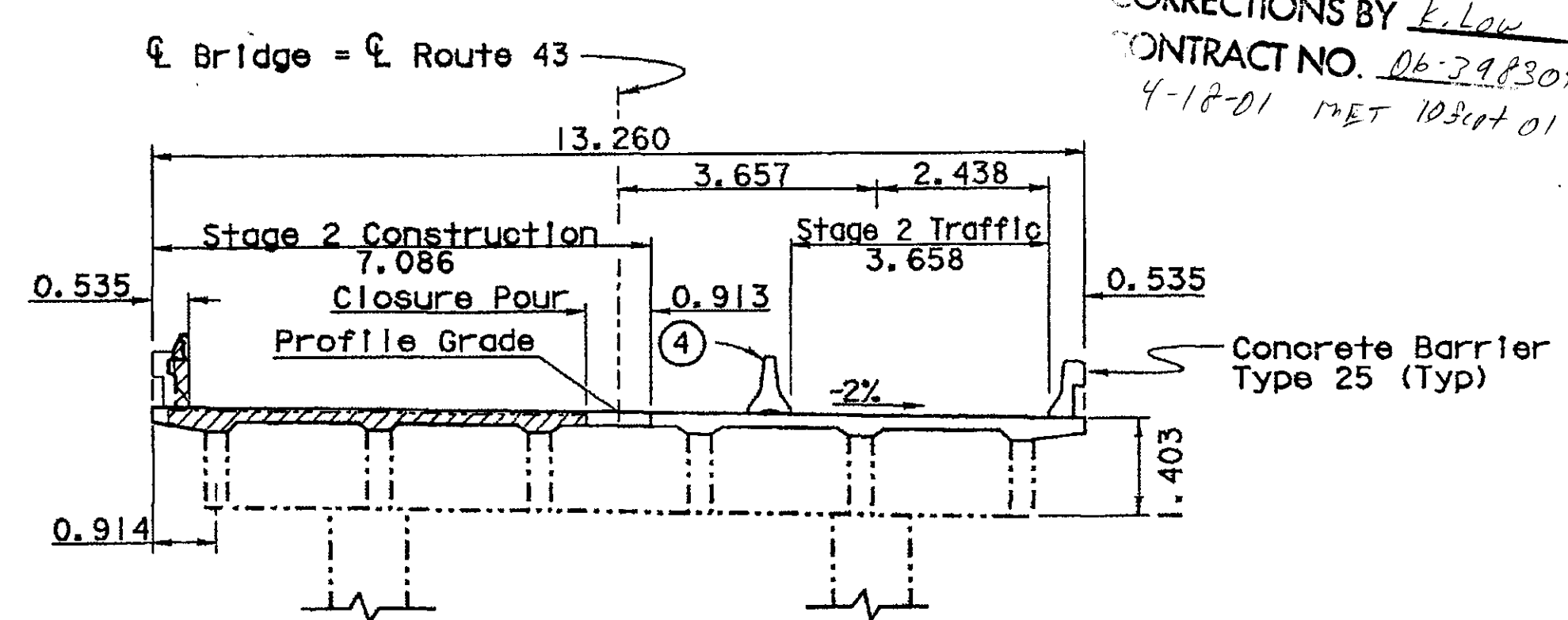
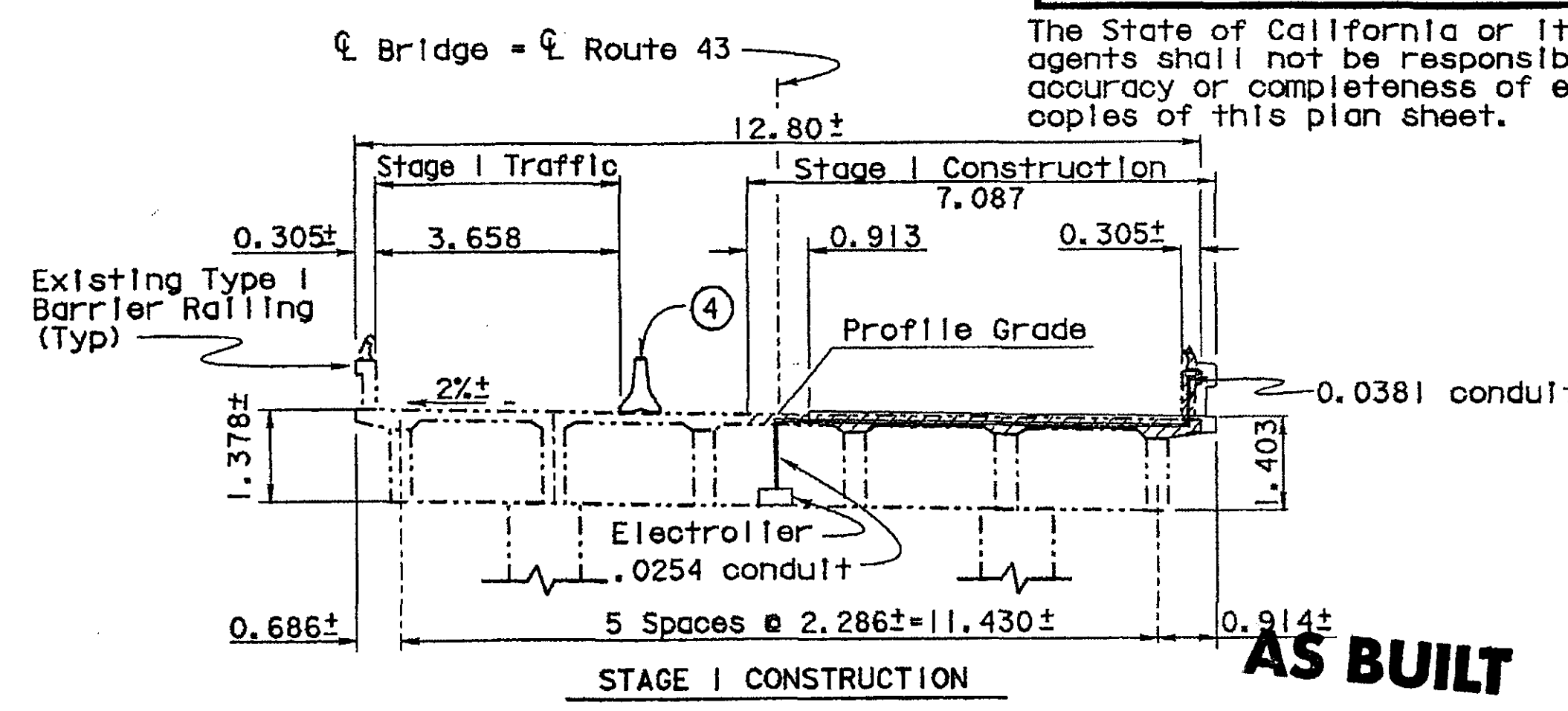
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REGISTERED PROFESSIONAL ENGINEER
No. 36610
Exp. 6/30/00
CIVIL
STATE OF CALIFORNIA



NOTE:
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BEFORE ORDERING OR FABRICATING
ANY MATERIAL.

Notes: Elevations are revised in
accordance to 1993 Survey
Datum used by Surveyors



INDEX TO PLANS	
SHEET NO.	TITLE
1	GENERAL PLAN
2	ABUTMENT DETAILS
3	BENT DETAILS
4	TYPICAL SECTION
5	DECK-TOP REINFORCEMENT


- NOTES:
- ① Paint: Route 43-198 SEPARATION
 - ② Paint: BR. NO. 45-80
 - ③ Replace existing MBGR as required, see "Road Plans"
 - ④ For "Temporary Railing Type K" see, "Road Plans"
 - ▨ Indicates limits of existing concrete deck, fillets, and barrier railing removal
 - ⊗ Indicates point of minimum vertical clearance
- Electrolier, Pullboxes and Conduits to be removed and replaced. See "Electrical Plans"

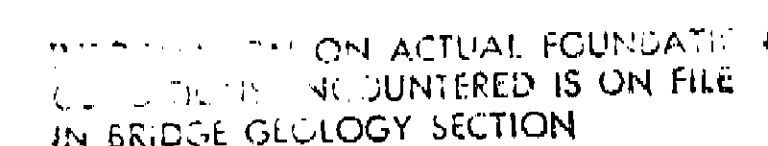
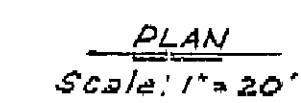
STANDARD PLANS DATED JULY 1997

SHEET	TITLE
A10A	ABBREVIATIONS
A77J	GUARD RAIL CONNECTIONS TO BRIDGE RAILING, RETAINING WALLS AND ABUTMENTS
BO-5	BRIDGE DETAILS
B11-53	CONCRETE BARRIER TYPE 25

STANDARD PLAN SHEET NO.
DETAIL NO.

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

 DESIGN ENGINEER VINCE JACOB	DESIGN	BY William W. Addiespurger	CHECKED John Mook	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURES DESIGN CCMB	BRIDGE NO. 45-0080	ROUTE 43/198 SEPARATION-DECK REPLACEMENT											
	DETAILS	BY Michael Torres	CHECKED John Mook	LAYOUT	BY Michael Torres	CHECKED William W. Addiespurger			KILOMETER POST 29.3	GENERAL PLAN											
	QUANTITIES	BY Dwight Mantulu	CHECKED William W. Addiespurger	SPECIFICATIONS	BY Jill Sewell	PLANS AND SPECS COMPALED Jill Sewell															
	STRUCTURES DESIGN GENERAL PLAN SHEET (METRIC) (REV. 3/1/99)																				
				ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS				CU 06125 EA 398301				DISREGARD PRINTS BEARING EARLIER REVISION DATES				REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF	
												4/2/99 4/8/99 4/14/99 5/01/99 5/18/99 5/24/99 5/30/99 10/8/99				1 5					



PROFILE
Scale: Horiz 1"=20'
Vert. 1"=10'

SHEET	OF
11	11

PREL. DRAWING No. PR-4580-	2								
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Disregard prints bearing earlier numbers

NOTE: Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

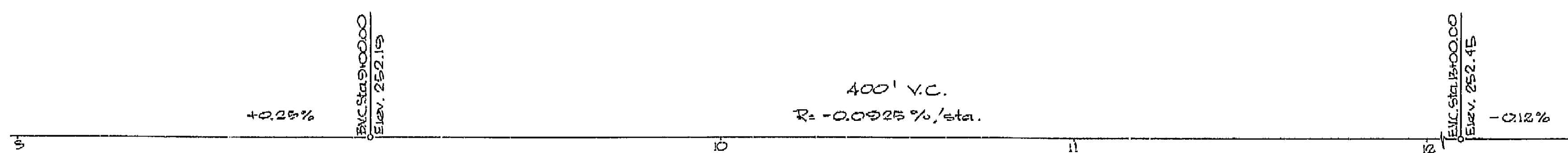
 BRIDGE DEPARTMENT
ENGINEERING GEOLOGY SECTION

U-018-2(7)

FED. ROAD DIST. NO.	STATE	P. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.			

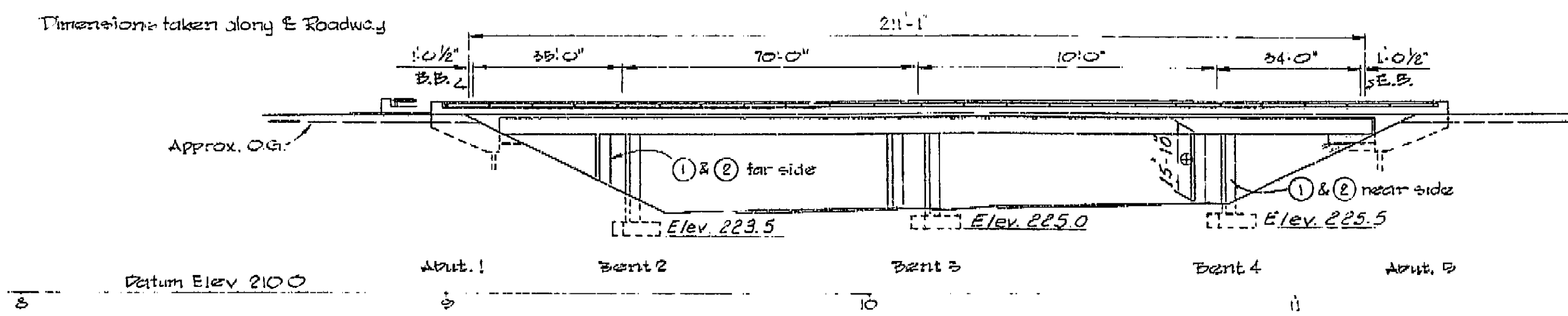
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
06	Kin	198	43	202	227

DATE APPROVED: JUNE 28 1965
 STATE HIGHWAY ENGINEER: C. S. BENTLEY - LICENSED STATE

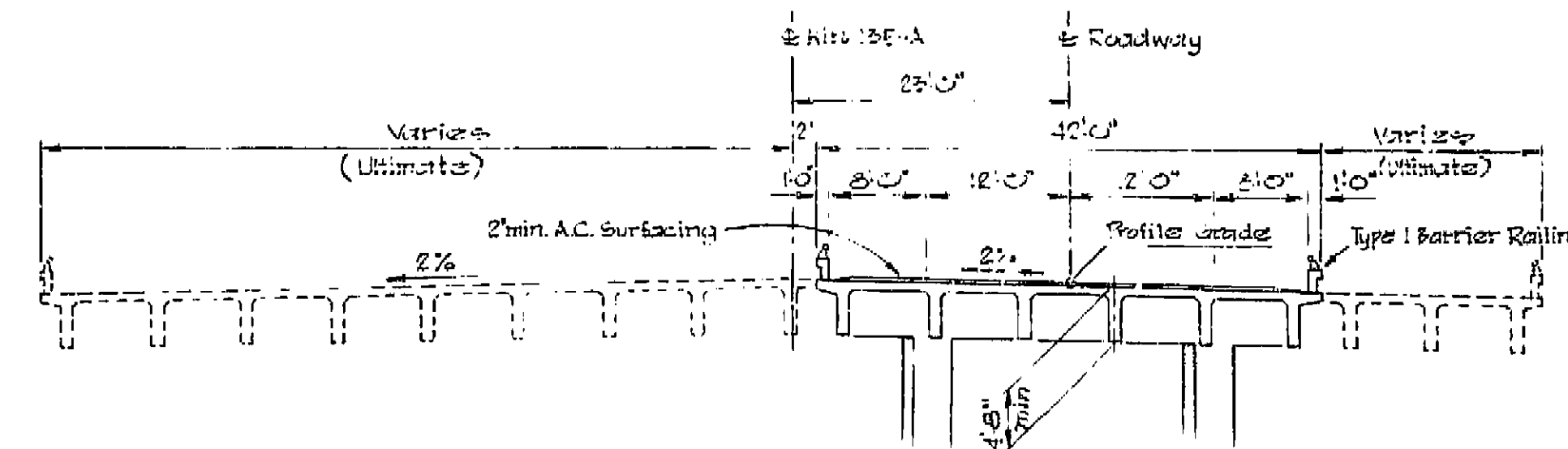


PROFILE GRADE

Dimensions taken along E Roadway



ELEVATION
 Scale: 1" = 20'



TYPICAL SECTION
 Scale: 1/2" = 10'

C.I.D.H. Piles (45 Tons Bearing) } Abutments only
 Specified Tip Elev. 218.0

Avg. Pile Pen. Elev.
 Abut. 1 218.8
 Abut. 5 218.5

AS BUILT PLANS
 Contract No. 06-015534
 Date Completed 1-1-67
 Document No. 60000021

INDEX TO PLANS

Sheet No.	Title
1	General Plan
2	Grid of Deck Elevations
3	Foundation Plans
4	Abutment Details
5	Pier Details
6	Column Layout
7	Top Reinforcement & Typical Section
8	T-Beam Details No. 1
9	Barrier Railing Sheet 1
10	Barrier Railing Sheet 2
11	Log of Test Borings

APPROXIMATE QUANTITIES

*STRUCTURE EXCAVATION (BRIDGE)	330 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	200 C.Y.
16" C.I.D.H. CONCRETE PILING	255 L.F.
*CLASS "A" CONCRETE (BRIDGE)	590 C.Y.
*BAR REINFORCING STEEL (BRIDGE)	162,000 LBS.
BARRIER RAILING (TYPE 1)	478 L.F.

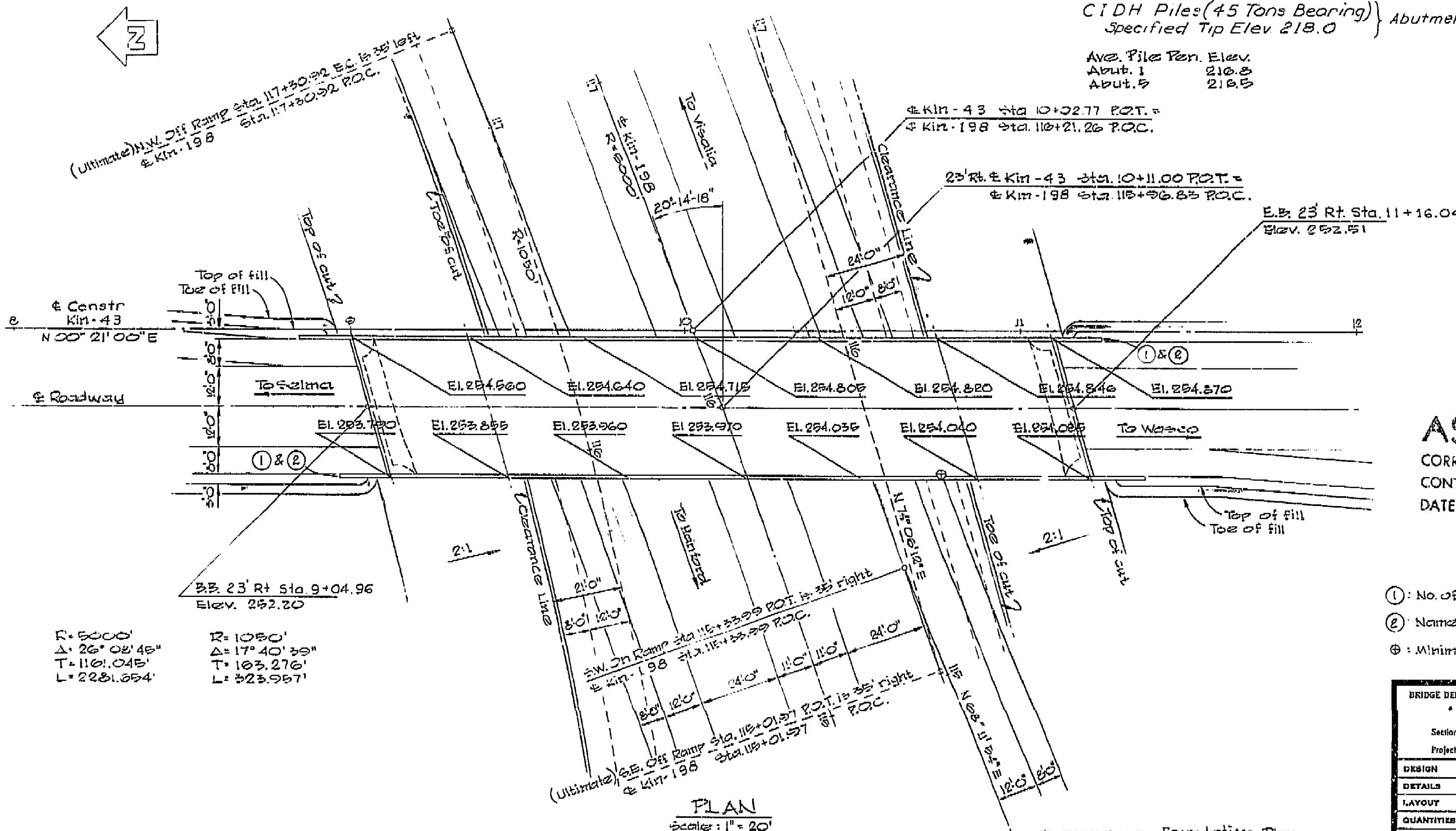
*FINAL QUANTITIES

AS BUILT

CORRECTIONS BY Paul Vucovich
 CONTRACT NO. 06-015534
 DATE 11-7-66

- ①: No. of Bridges & Year Constructed
- ②: Name of Bridge
- ③: Minimum Vertical Clearance

SHEET 11 OF 11



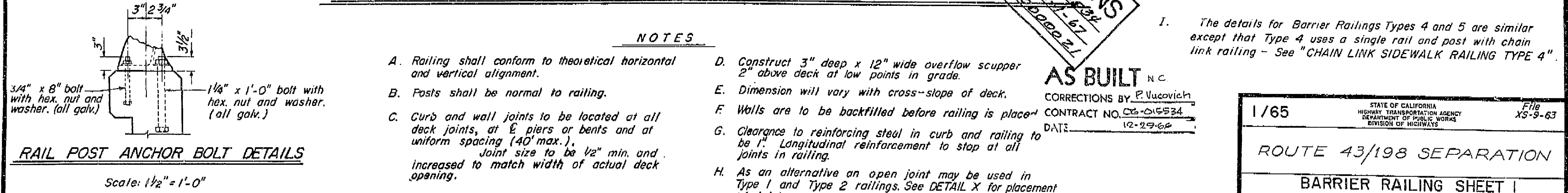
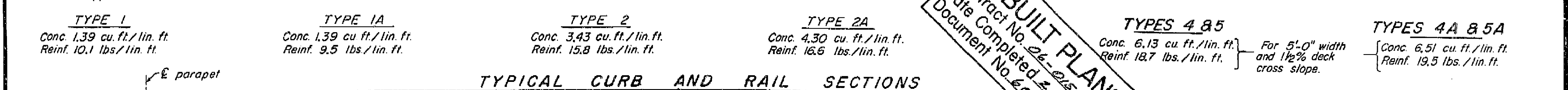
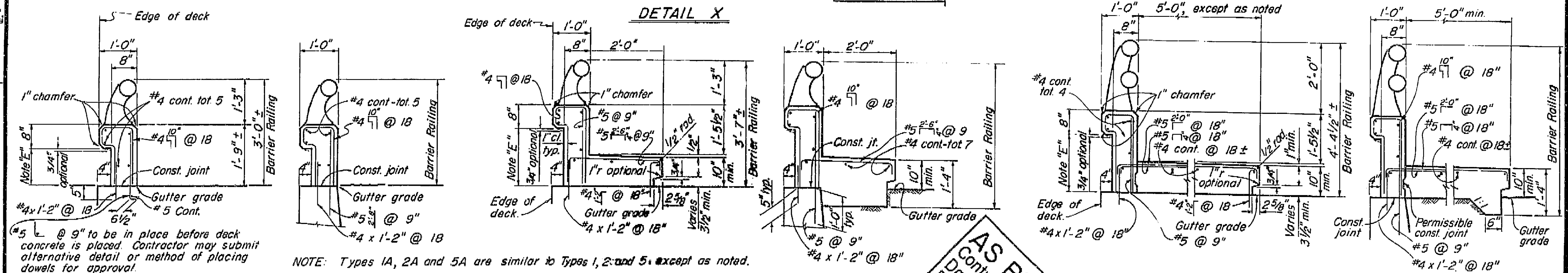
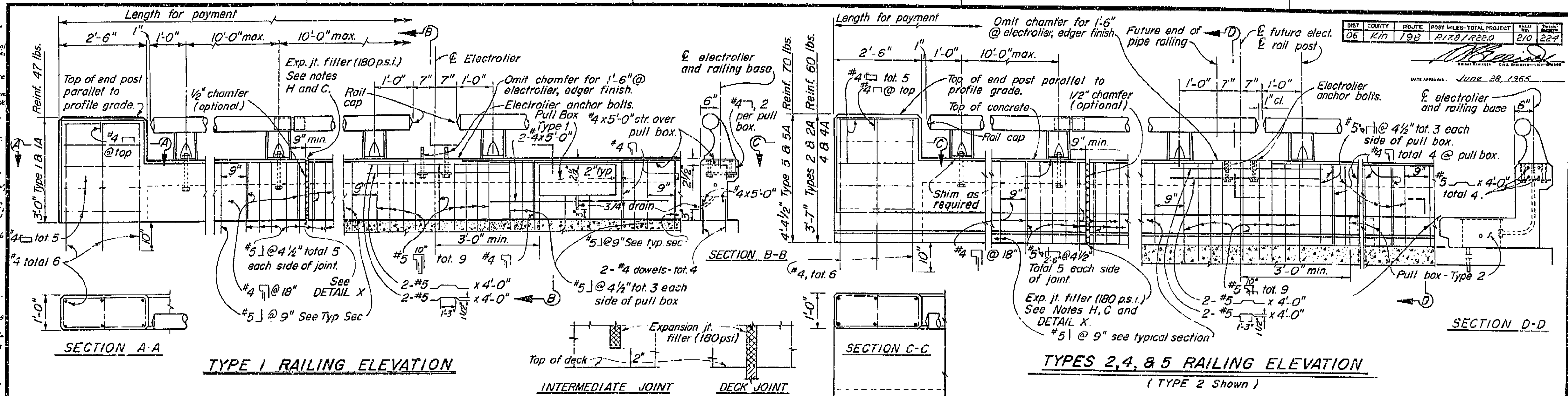
PLAN
 Scale: 1" = 20'

BRIDGE DEPARTMENT			
DESIGN SECTION 3			
Section Supervisor: <i>James R. Smith</i>			
Project No. <i>06-015534</i>			
DESIGN	By <i>E. D. Smith</i>	Checked <i>L. A. Smith</i>	Date <i>12-25</i>
DETAILS	By <i>E. D. Smith</i>	Checked <i>L. A. Smith</i>	Date <i>12-25</i>
LAYOUT	By <i>E. D. Smith</i>	Checked <i>L. A. Smith</i>	Date <i>12-25</i>
QUANTITIES	By <i>E. D. Smith</i>	Checked <i>L. A. Smith</i>	Date <i>12-25</i>
SPECIFICATIONS	By <i>E. D. Smith</i>	Checked <i>L. A. Smith</i>	Date <i>12-25</i>
Approval Recommended by: <i>Paul Vucovich</i>			
Date: <i>11-7-66</i>			

STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
ROUTE 43/198 SEPARATION			
LOCATED 2 MILES EAST OF THE EAST CITY LIMIT OF HANFORD			
IN KINGS COUNTY			
GENERAL PLAN			
SCALE: As Noted	BRIDGE: 18-20	FILE	DRAWING 4580-1
PRELIMINARY DRAWING NO. P.			
REVISION DATES			

62-061040155.3

Disregard prints bearing earlier revision dates



AS BUILT PLANS
Contract No. 06-015-034
Date Completed 2-11-67
Document No. 66000027

AS BUILT N.C.
CORRECTIONS BY P. Vucovich
CONTRACT NO. CG-015534
DATE 12-29-68

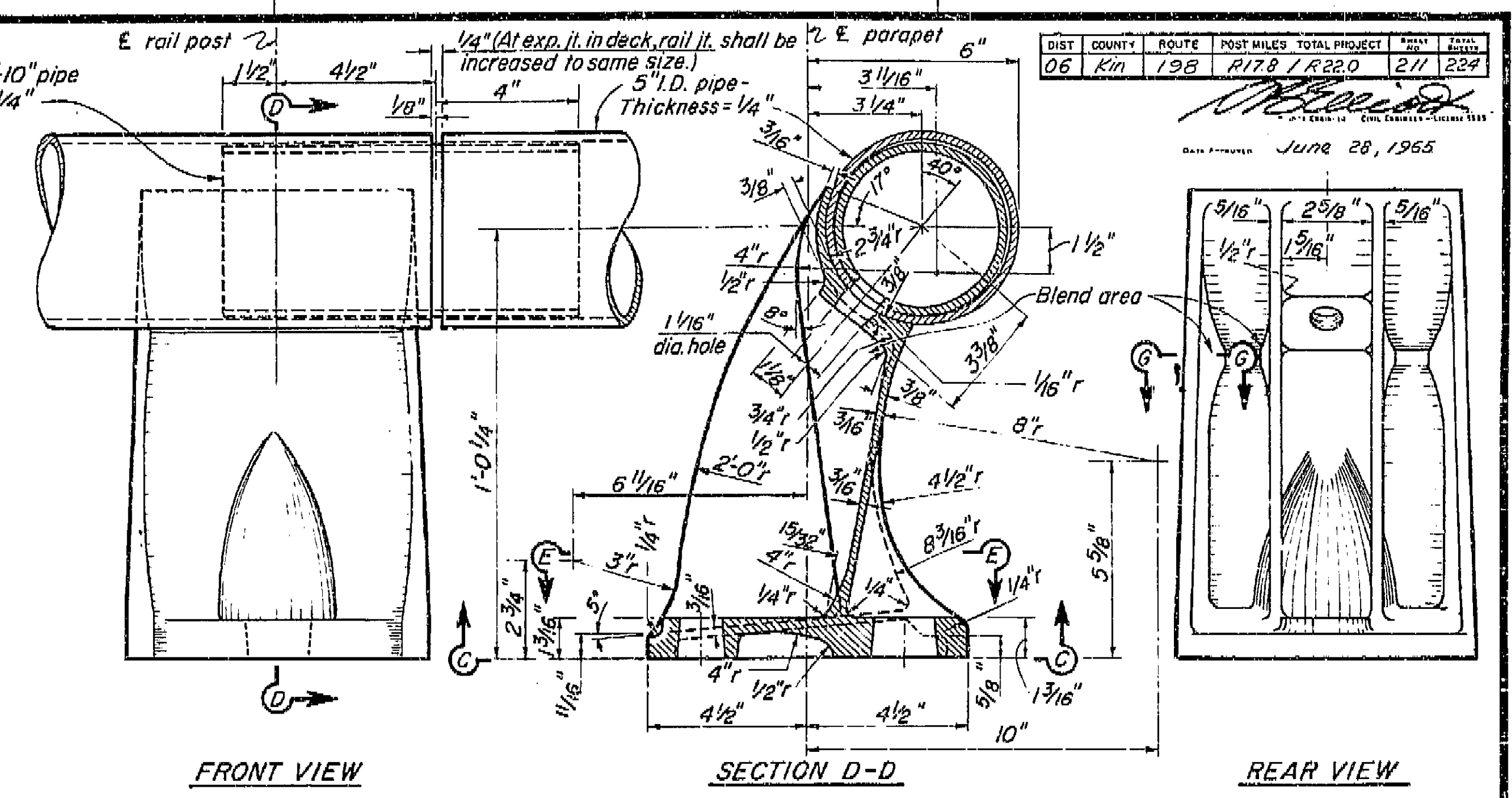
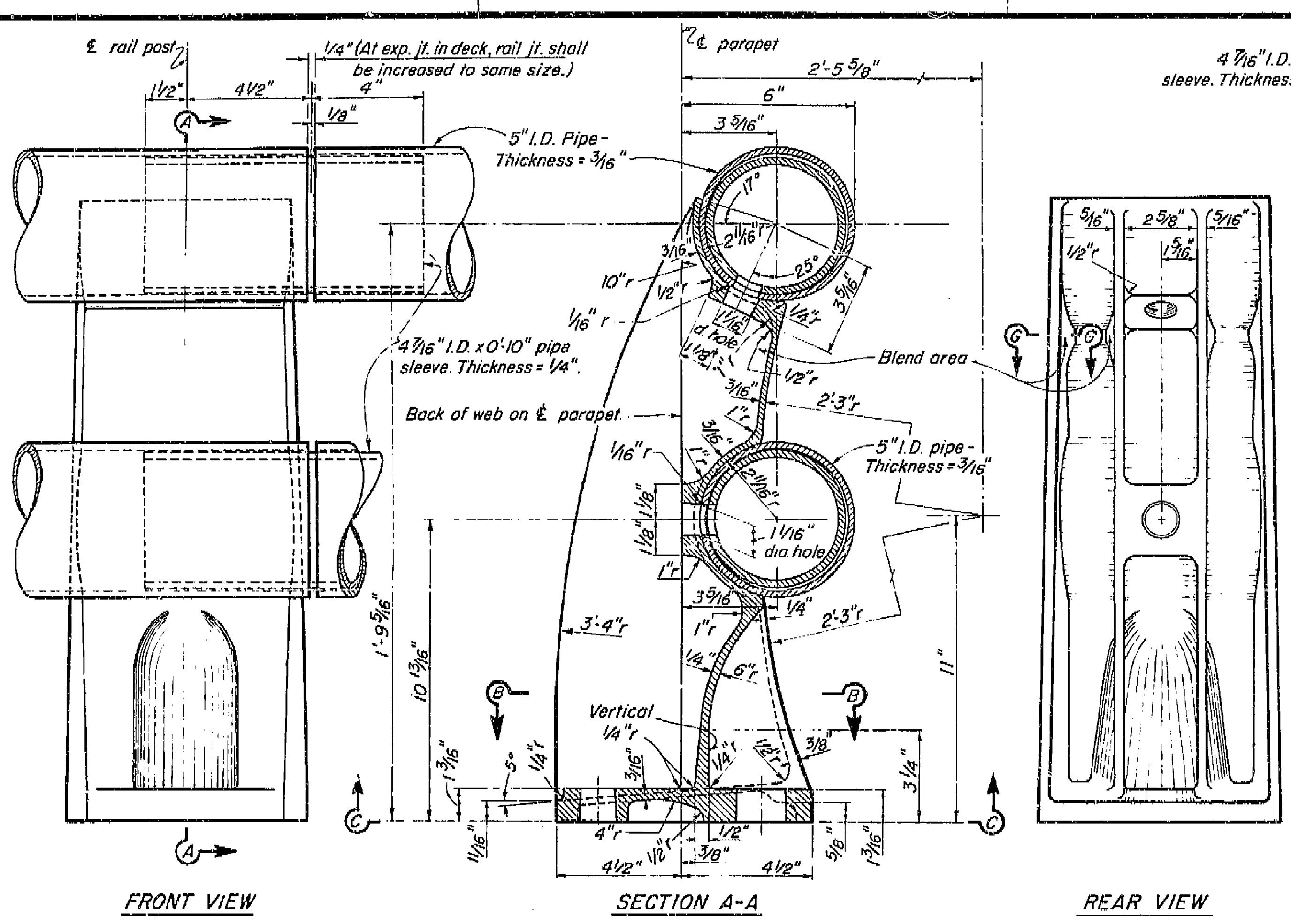
I. The details for Barrier Railings Types 4 and 5 are similar except that Type 4 uses a single rail and post with chain link railing - See "CHAIN LINK SIDEWALK RAILING TYPE 4"

1/65 STATE OF CALIFORNIA
HIGHWAY TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

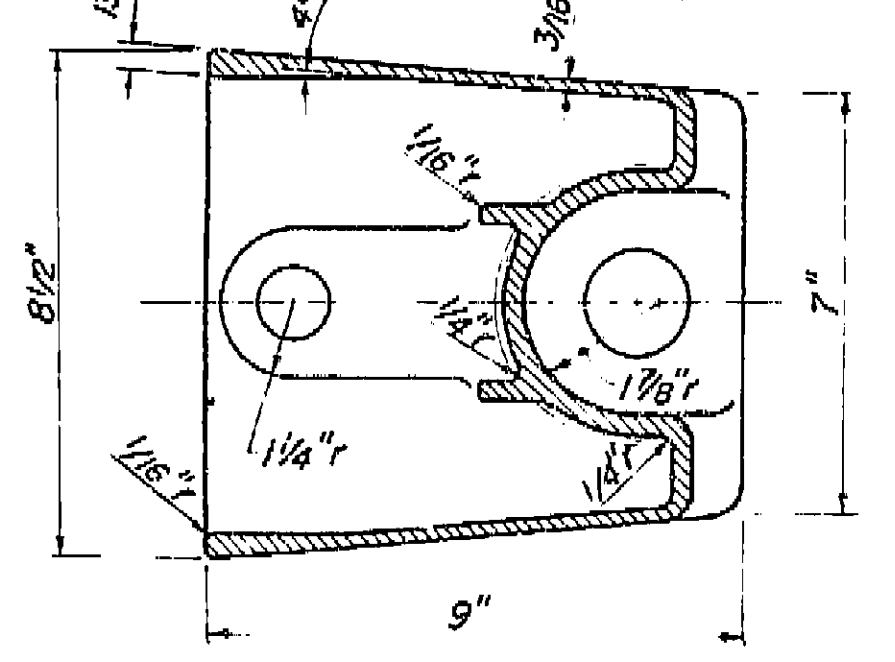
ROUTE 43/198 SEPARATION

BRIDGE NO.	45-80	POST MILE	DRAWING NO.	458022	SHEET	9	OF	11
REVISION DATES (PRELIMINARY STAGE ONLY)								

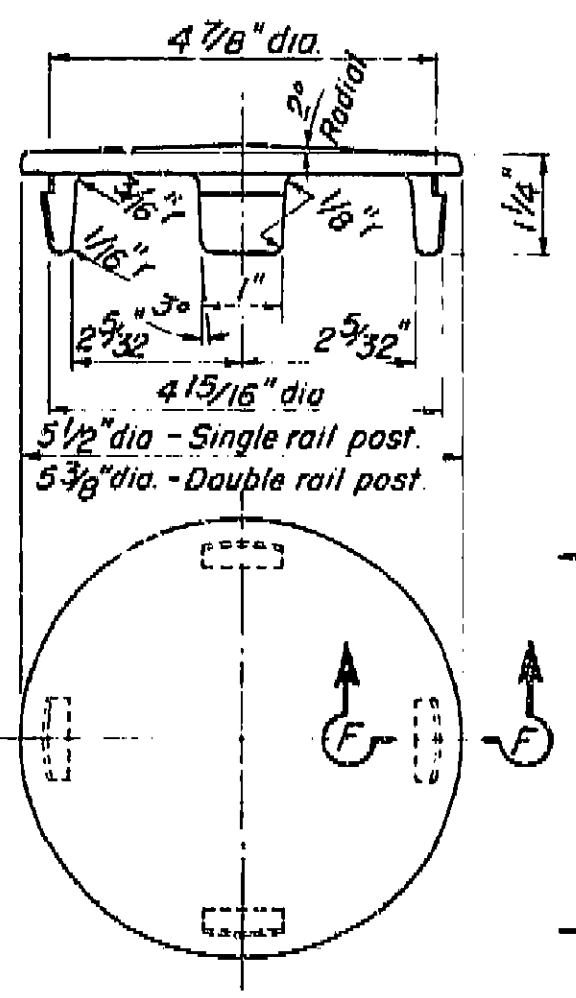
Notes: lower
Cor. Rev. Title
+ Co. Et. Sec.
Deleted
Pure Black
K. above
Spec. 11/12/46
me back to
has
5.13



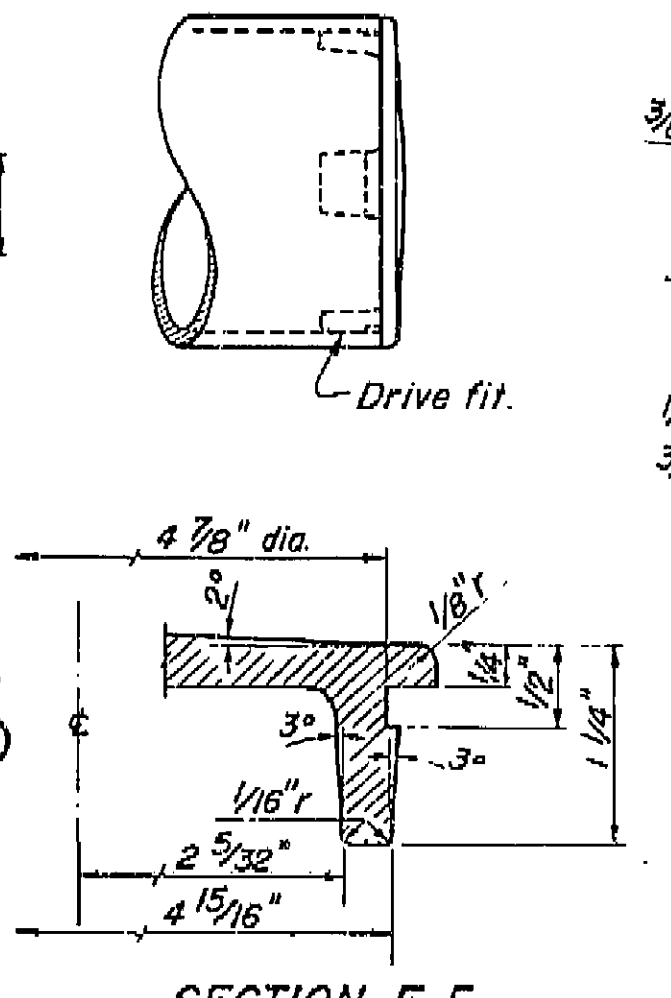
AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 6000021



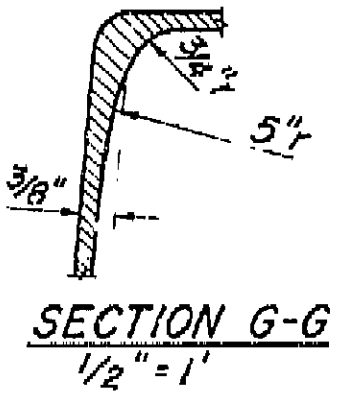
SECTION B-B



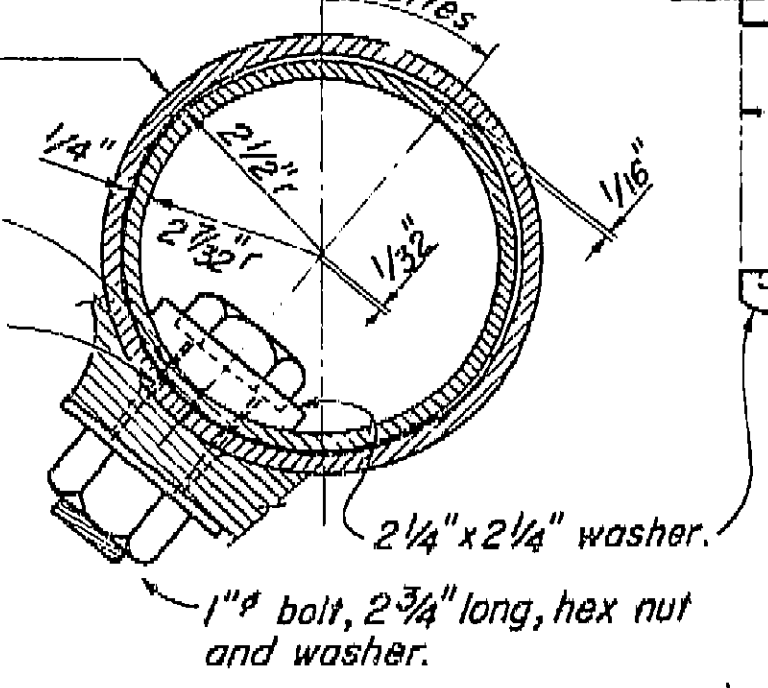
RAIL CAP
1/2" = 1"



SECTION F-F
1" = 1"



SECTION G-G
1/2" = 1"



RAIL CONNECTION
1/2" = 1"

AS BUILT N.C.
CORRECTIONS BY P. Wozniak
CONTRACT NO. 06-015534
DATE 12-20-66

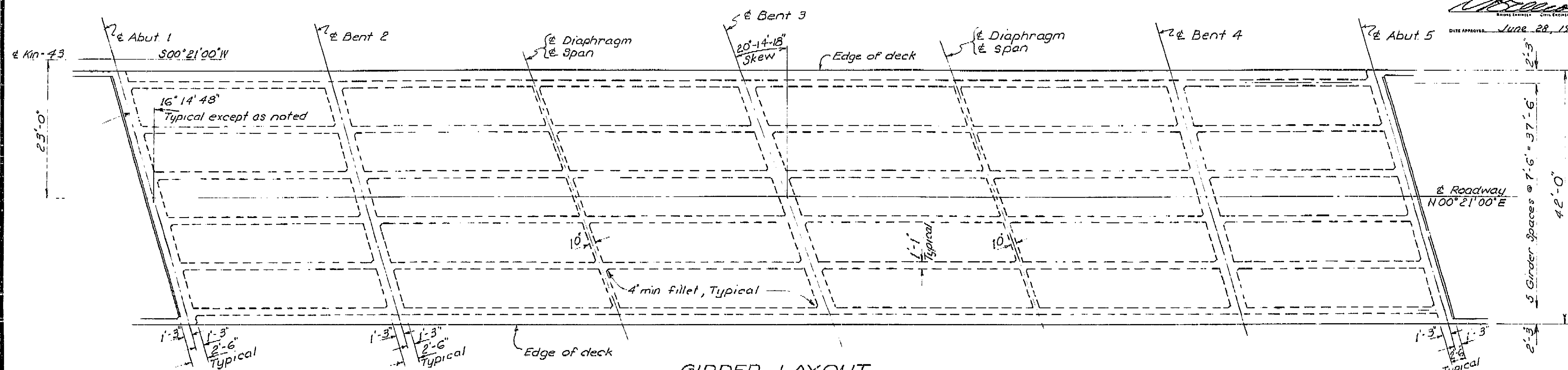
- Notes:
- At the option of the contractor, material for the railing shall be ferrous or aluminum. Details are shown for aluminum pipe rail. Steel pipe rail shall be 3/16" thick with 5" I.D. Rail post dimensions shall be revised as necessary to fit the steel pipe. All pipe sleeves shall have a thickness of 1/4".
 - For railing on a horizontal curve of radius less than 150', the pipe rail and sleeves shall be bent to fit the curve.

12/63		XS-9-71	
STATE OF CALIFORNIA HIGHWAY TRANSPORTATION AGENCY DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
ROUTE 43/198 SEPARATION			
BARRIER RAILING SHEET 2			
BRIDGE NO. 45-80	POST MILE	DRAWING NO. 4580-23	SHEET 10 OF 11
REVISION DATES (PRELIMINARY STAGE ONLY)			

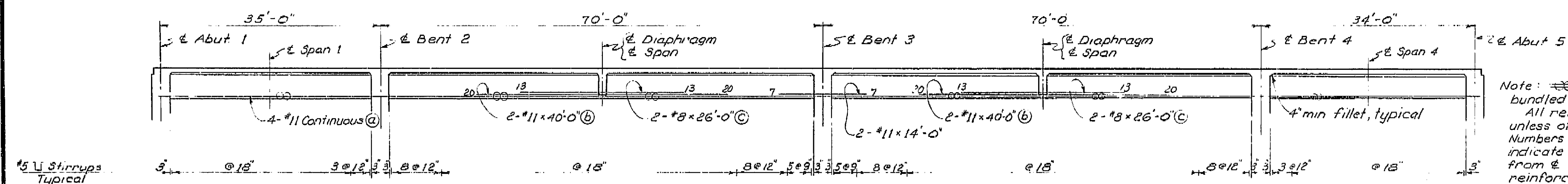
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.				

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
06	Kin	138	1728	207	224

DATE APPROVED June 28, 1965

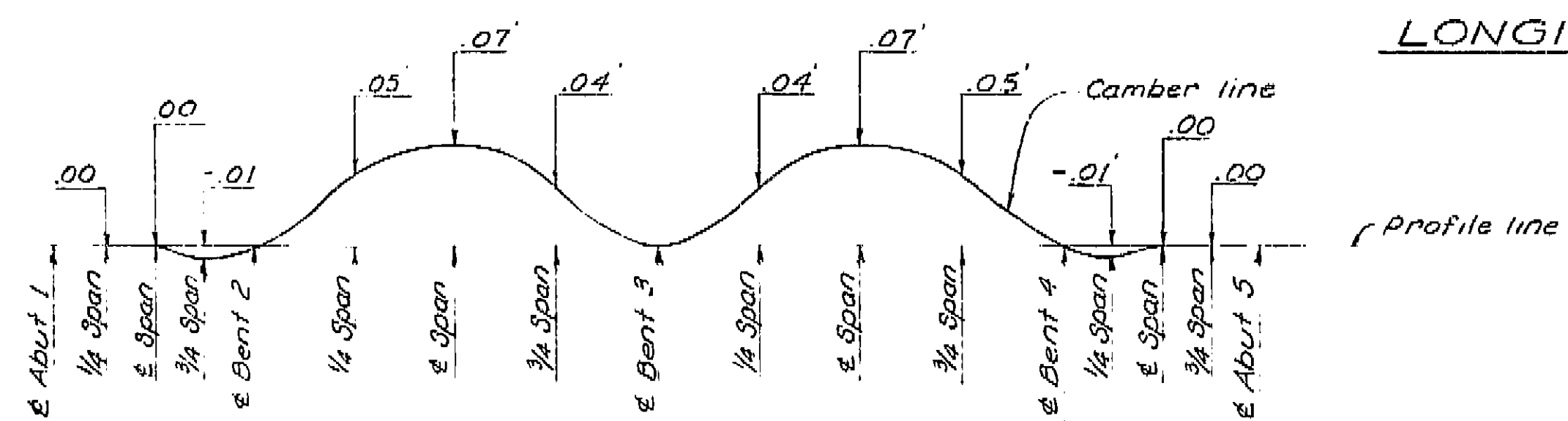


GIRDER LAYOUT
Scale: 1/8" = 1'-0"



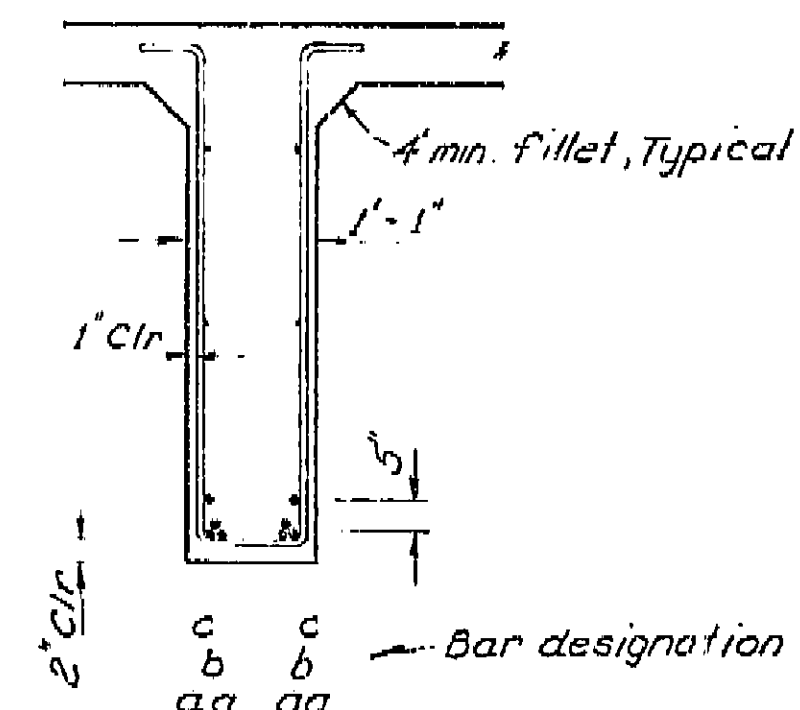
LONGITUDINAL SECTION
Scale: 1/8" = 1'-0"

Note: indicates bundled bars.
All reinforcement #11 unless otherwise noted.
Numbers at ends of bars indicate distance in feet from \pm Span for bottom reinforcement.
Splicing of bars in bundles shall be done by butt welding or with 35 diameter lap.



CAMBER DIAGRAM FOR TOTAL GIRDER DEFLECTION DUE TO DEAD LOAD

Notes: The total deflection will be reached about 4 years after falsework removal. For values at time of falsework removal divide those shown by 4.
The amount of camber for construction will be determined by the Engineer.



GIRDER SECTION
Scale: 3/4" = 1'-0"

AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 60000021

AS BUILT N.C.
CORRECTIONS BY P. Vucovich
CONTRACT NO. 06-015534
DATE 12-29-66

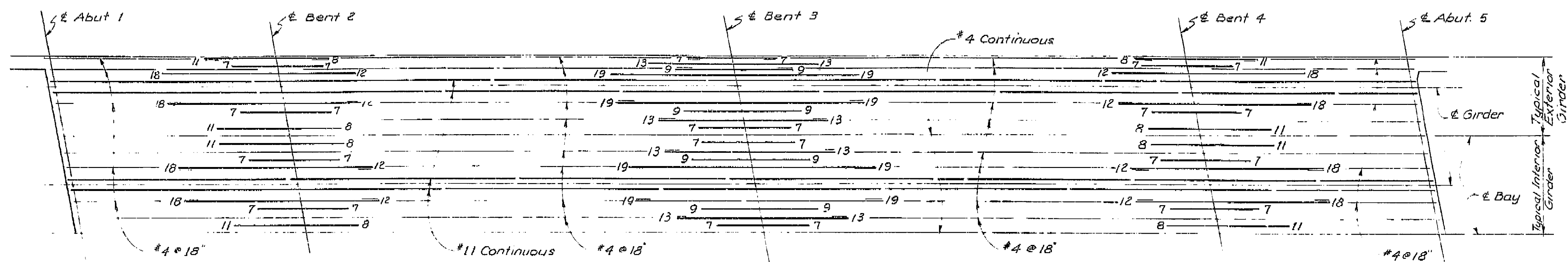
BRIDGE DEPARTMENT DESIGN SECTION Designer: <i>Robert D. Amburge</i>		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN By: <i>P.D.O. 4/58</i> Checked: <i>W.D. Pugh</i>	DETAILS By: <i>W.D. Pugh</i> Checked: <i>W.D. Pugh</i>	ROUTE 43/198 SEPARATION	
QUANTITIES By: <i>W.D. Pugh</i>	SPECIFICATIONS By: <i>W.D. Pugh</i>	GIRDER LAYOUT	
Approval Recommended by: _____		SCALE: As Noted	BRIDGE 45-80
Drawn and Checked: _____		FILE	DRAWING 4580-G
Disregard prints bearing earlier numbers		PREL. DRAWING NO. P. _____	

7277

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.				

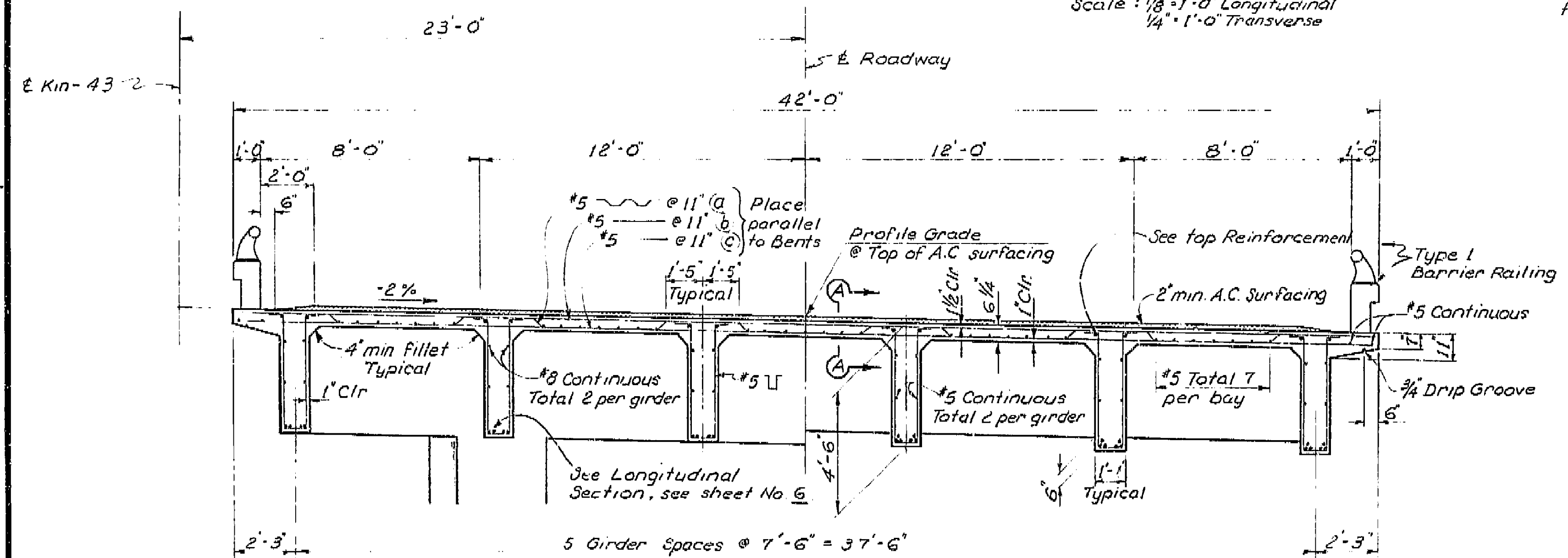
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
06	Kin	198	208	224	

DATE APPROVED: June 28, 1965



TOP REINFORCEMENT
Scale: 1/8" = 1'-0" Longitudinal
1/4" = 1'-0" Transverse

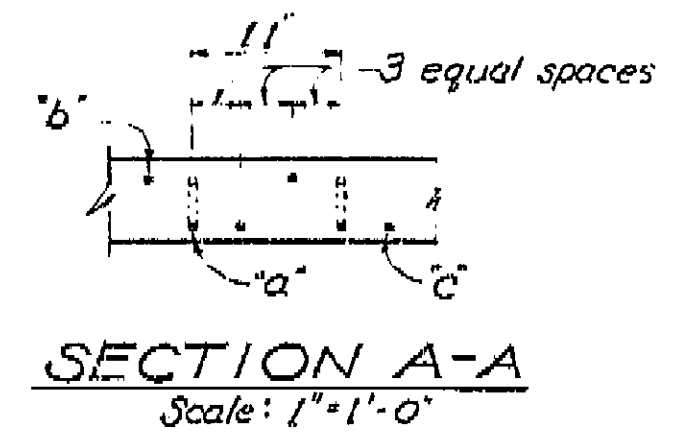
Note: All reinforcement #11 unless otherwise noted. Numbers at ends of bars indicate distance in feet from & Bent for top reinforcement.



TYPICAL SECTION
Scale: 5/8" = 1'-0"

AS BUILT N.C.
CORRECTIONS BY: P. Vucovich
CONTRACT NO. 06-015534
DATE 12-29-66

AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 60000021



SECTION A-A
Scale: 1" = 1'-0"

BRIDGE DEPARTMENT ... DESIGN SECTION ... Designer: <i>Robert D. Shuck</i>		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN by: <i>R.D. Shuck</i> Checked: <i>P.A. Kier</i>	DETAILS by: <i>R.D. Shuck</i> Checked: <i>P.A. Kier</i>	ROUTE 43/198 SEPARATION	
QUANTITIES by: <i>R.D. Shuck</i> Checked: <i>M.P. Chy</i>	SPECIFICATIONS by: <i>R.D. Shuck</i> Checked: <i>M.P. Chy</i>	TOP REINF. & TYPICAL SECTION	
Approval Recommended by: _____		SCALE: As Noted	
Engineer of Bridge: _____		ENRGE: 45-80	
Chief and Structural: _____		FILE: _____	
DATE: _____		DRAWING: 4580-7	
PREL. DRAWING No. P. _____			

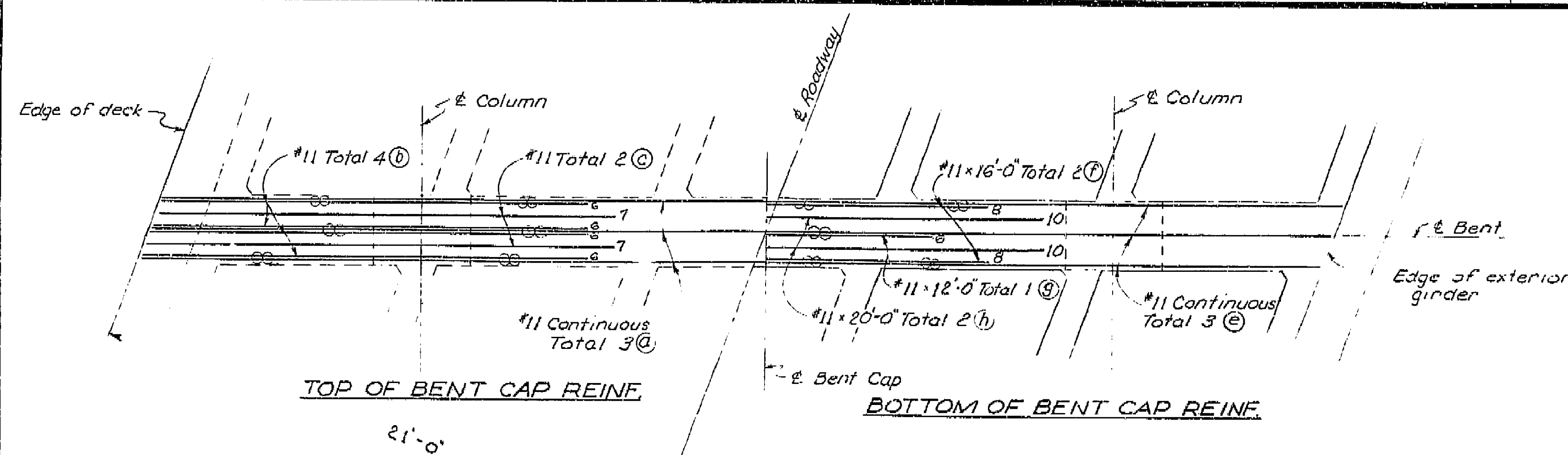
208

R21

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.			

Dist.	County	Route	Station	SHEET NO.	TOTAL SHEETS
06	Alb.	198	1486	206	227

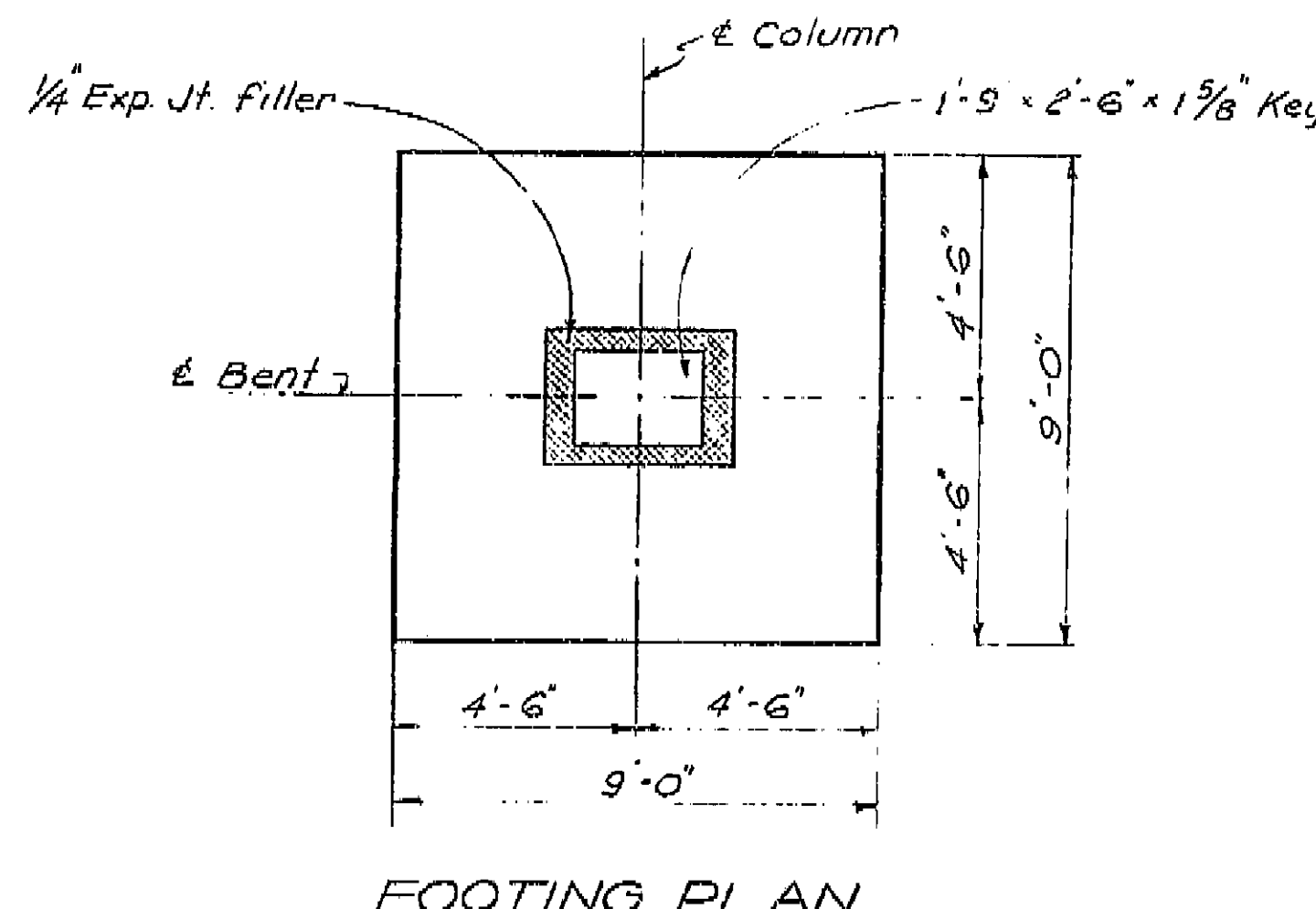
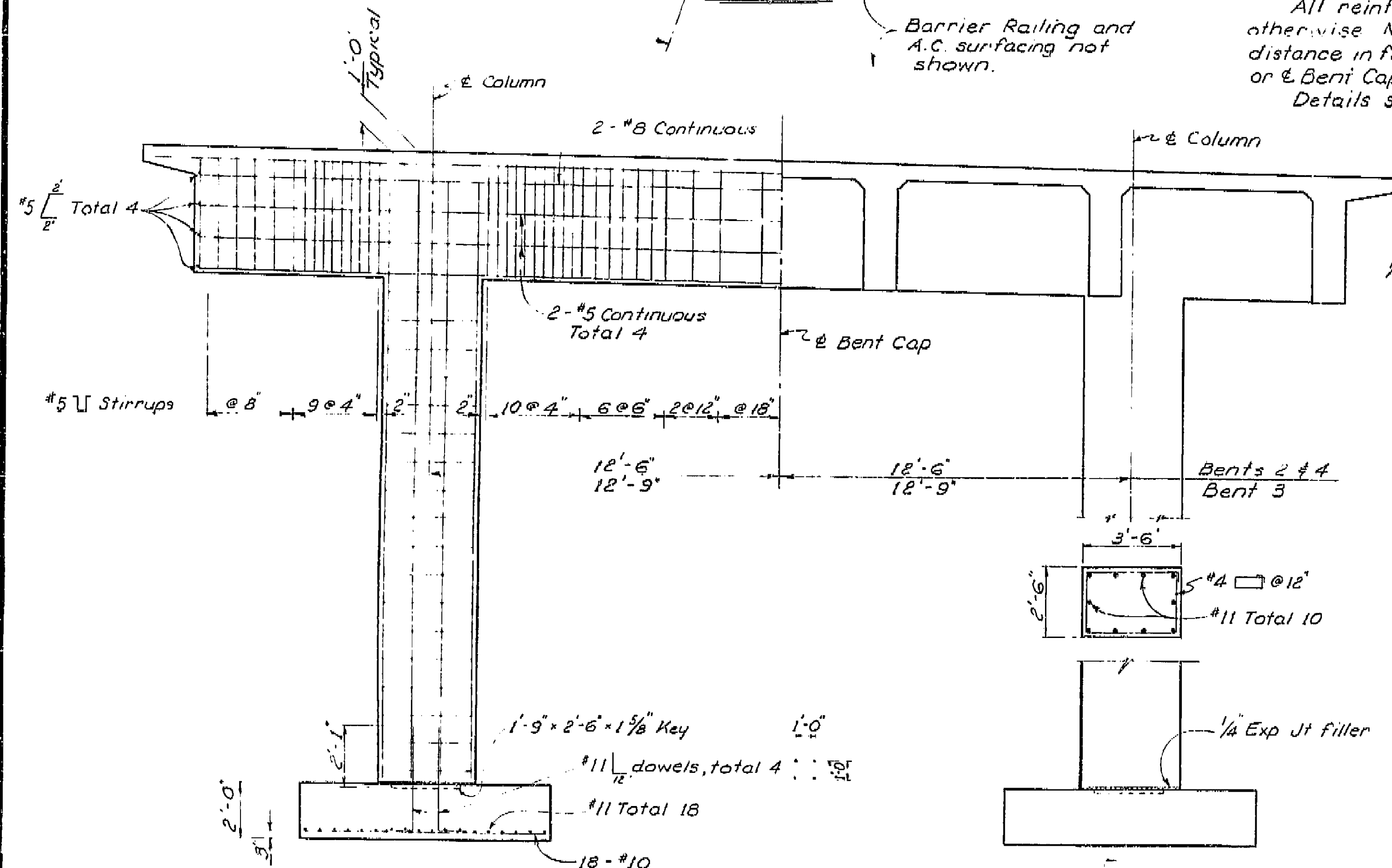
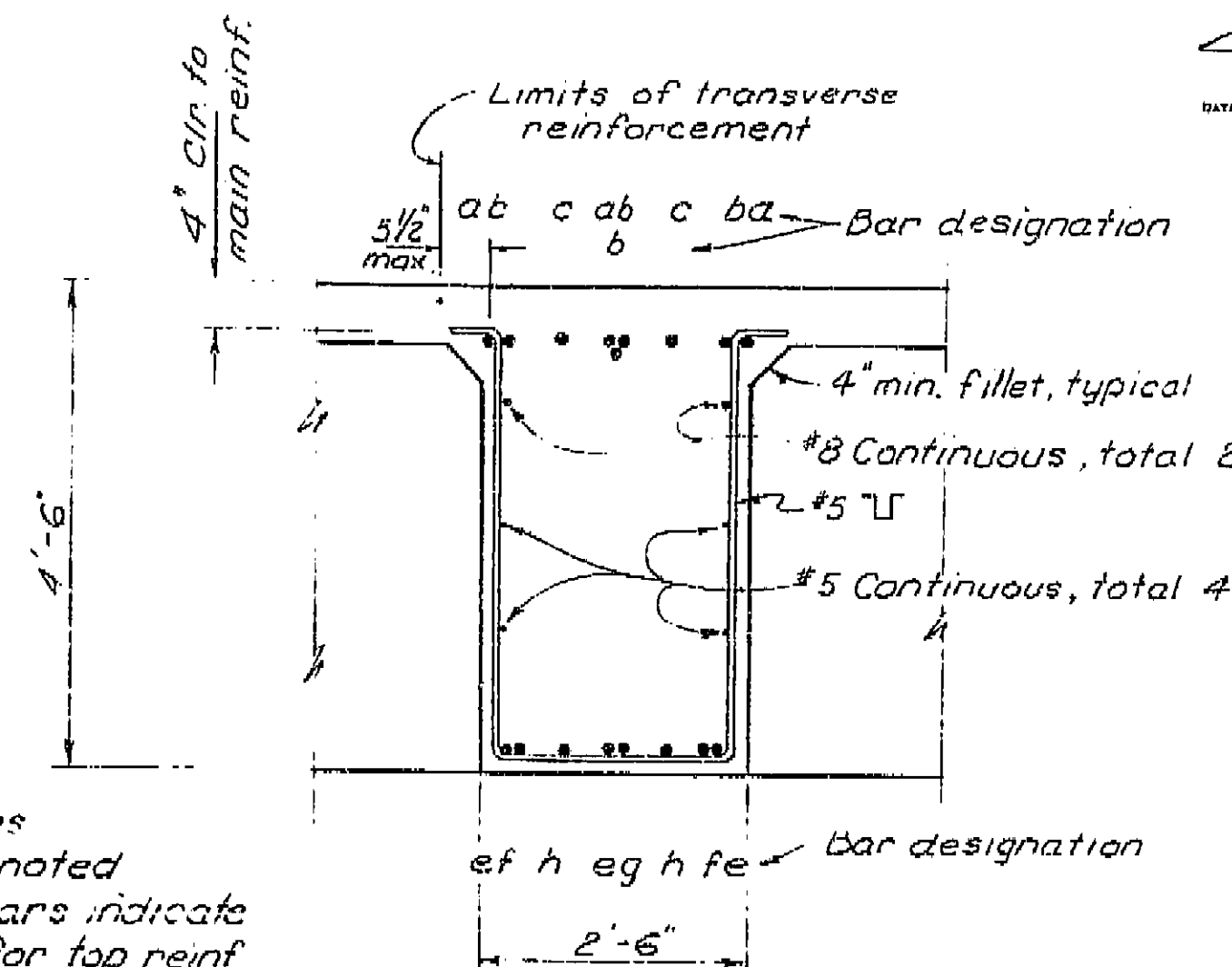
DATE APPROVED: June 28, 1965



PLAN

Barrier Railing and A.C. surfacing not shown.

Note: indicates bundled bars
All reinforcement #11 unless noted otherwise
Numbers at ends of bars indicate distance in feet from column for top reinf. or Bent Cap for bottom reinf.
Details symmetrical about Bent Cap.



AS BUILT N.C.
CORRECTIONS BY P. Vucovich
CONTRACT NO. 06-015534
DATE 12-29-60

AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 60000021

BRIDGE DEPARTMENT ... DESIGN SECTION ... Designer: <i>[Signature]</i>		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN: <i>[Signature]</i> DETAILS: <i>[Signature]</i> QUANTITIES: <i>[Signature]</i> SPECIFICATIONS: <i>[Signature]</i>		ROUTE 43/198 SEPARATION BENT DETAILS	
Approval Recommended by: <i>[Signature]</i> Engineer of Design		3/8" = 1'-0" Except SCALE As Noted	
Disregard prints bearing earlier numbers		BRIDGE 45-80 FILE DRAWING 4580-5	

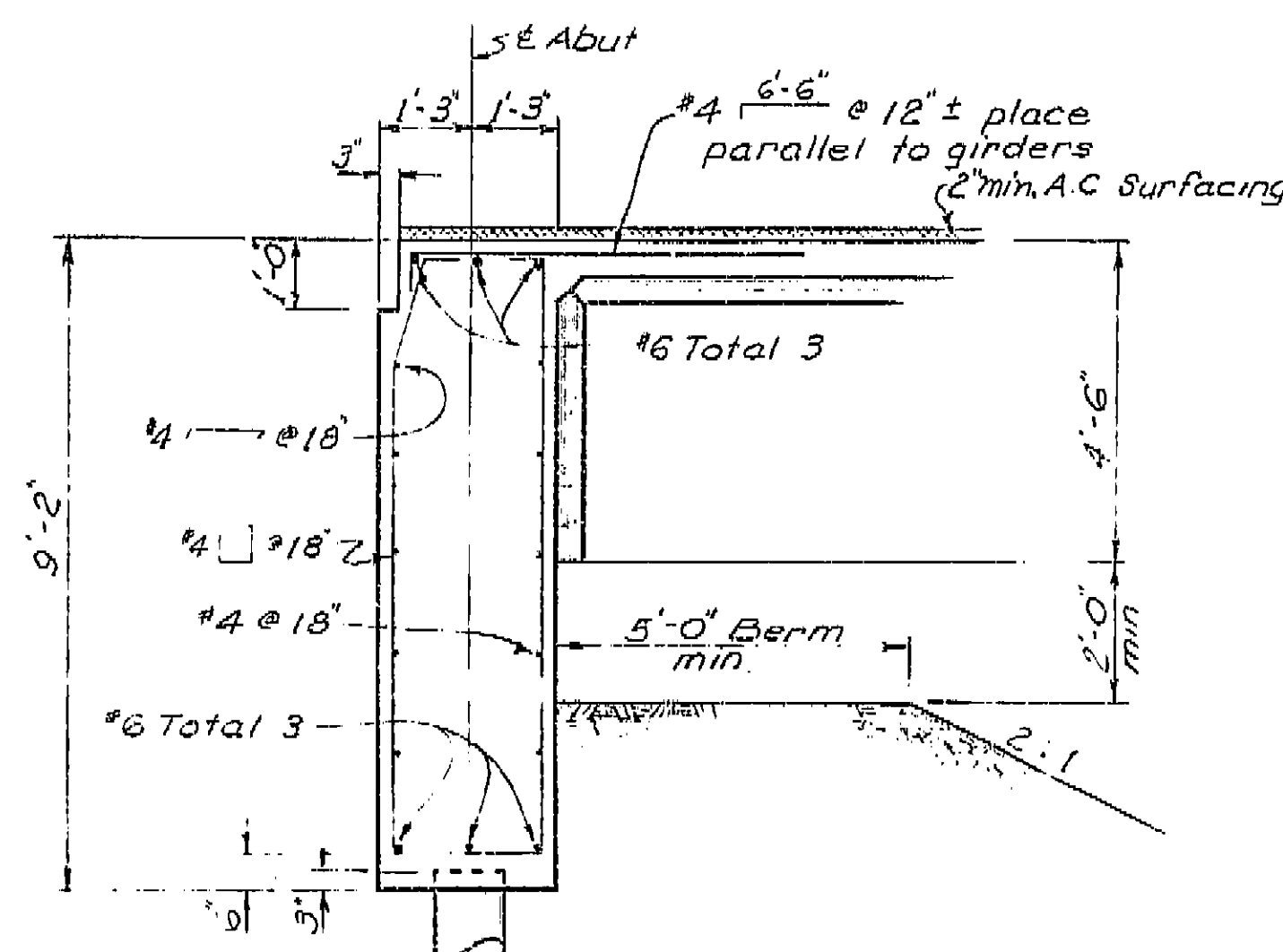
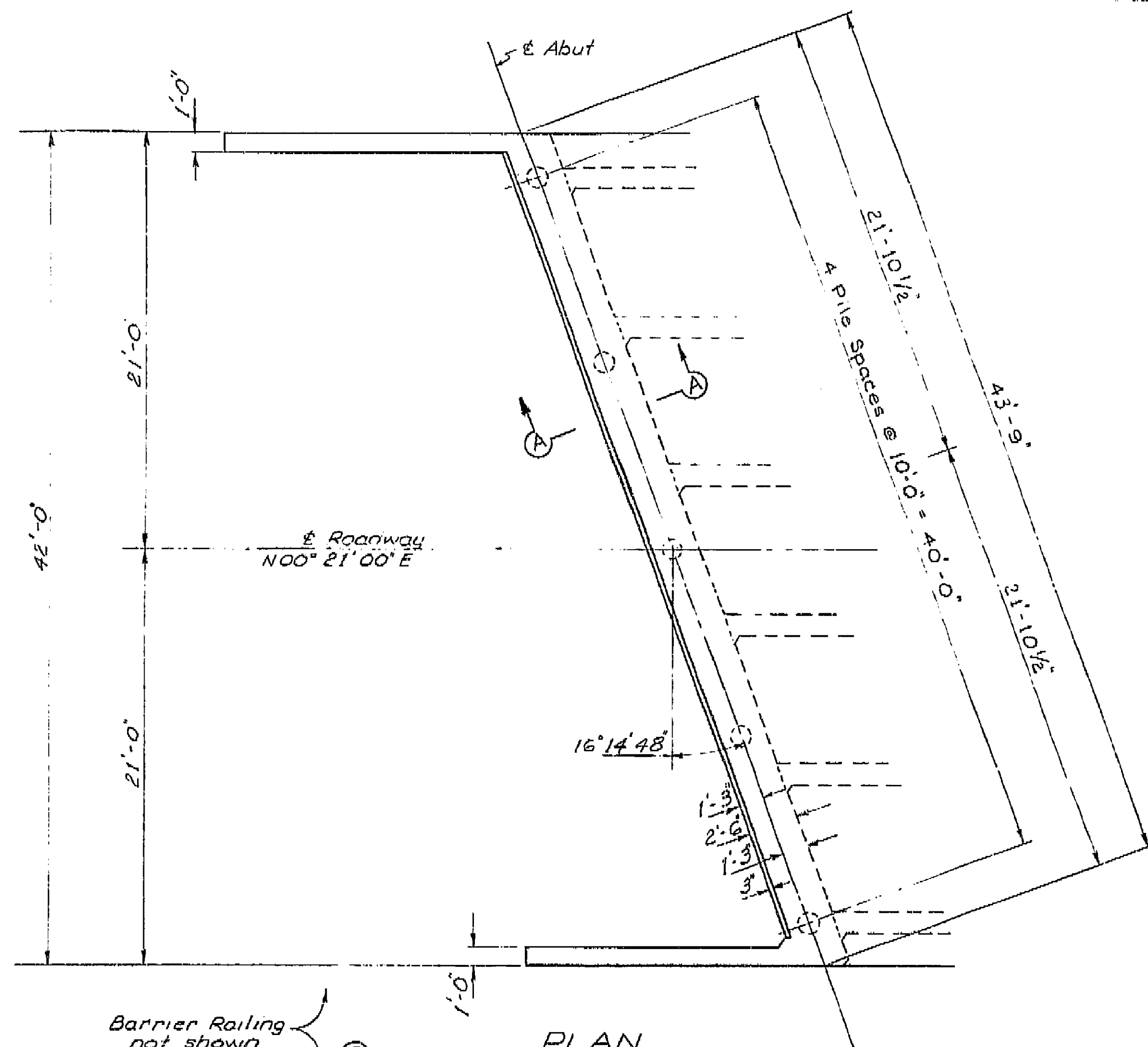
206

127

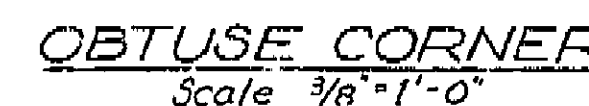
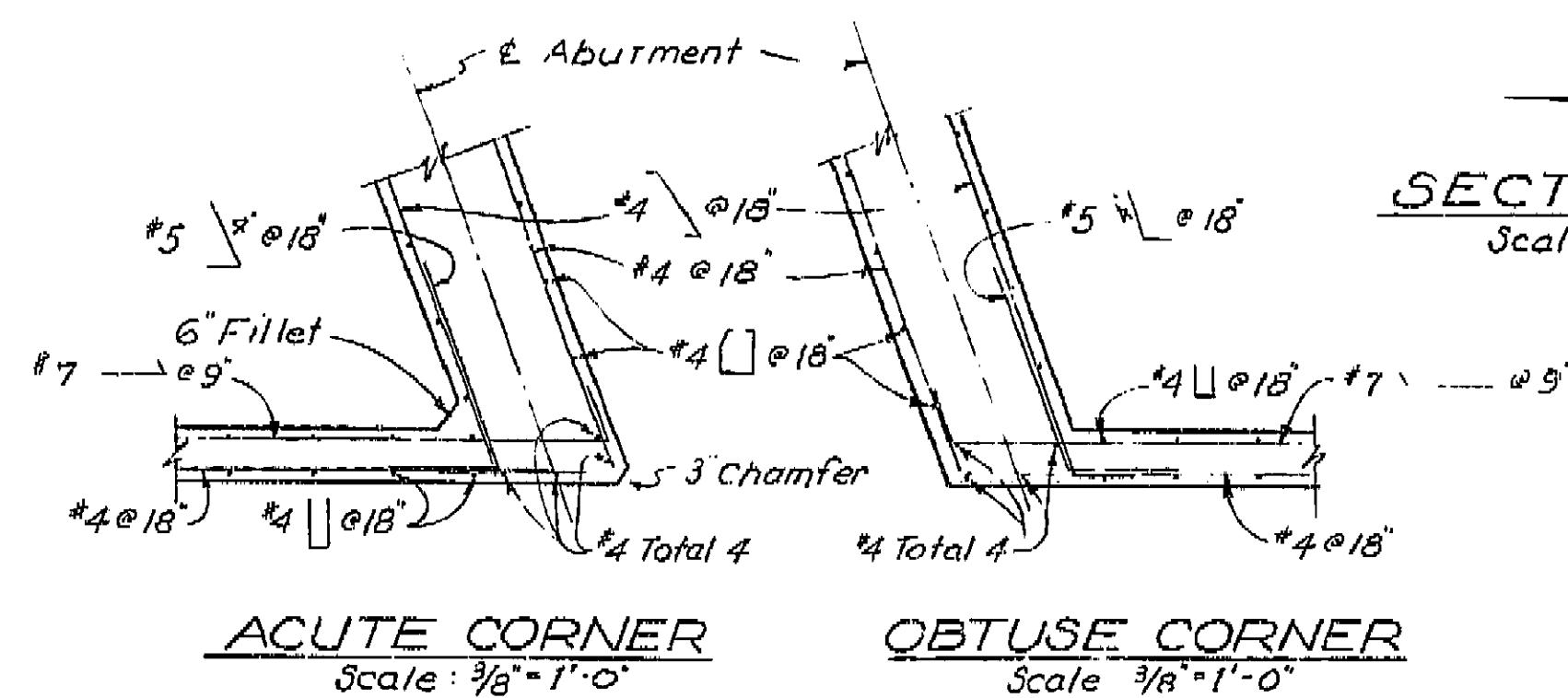
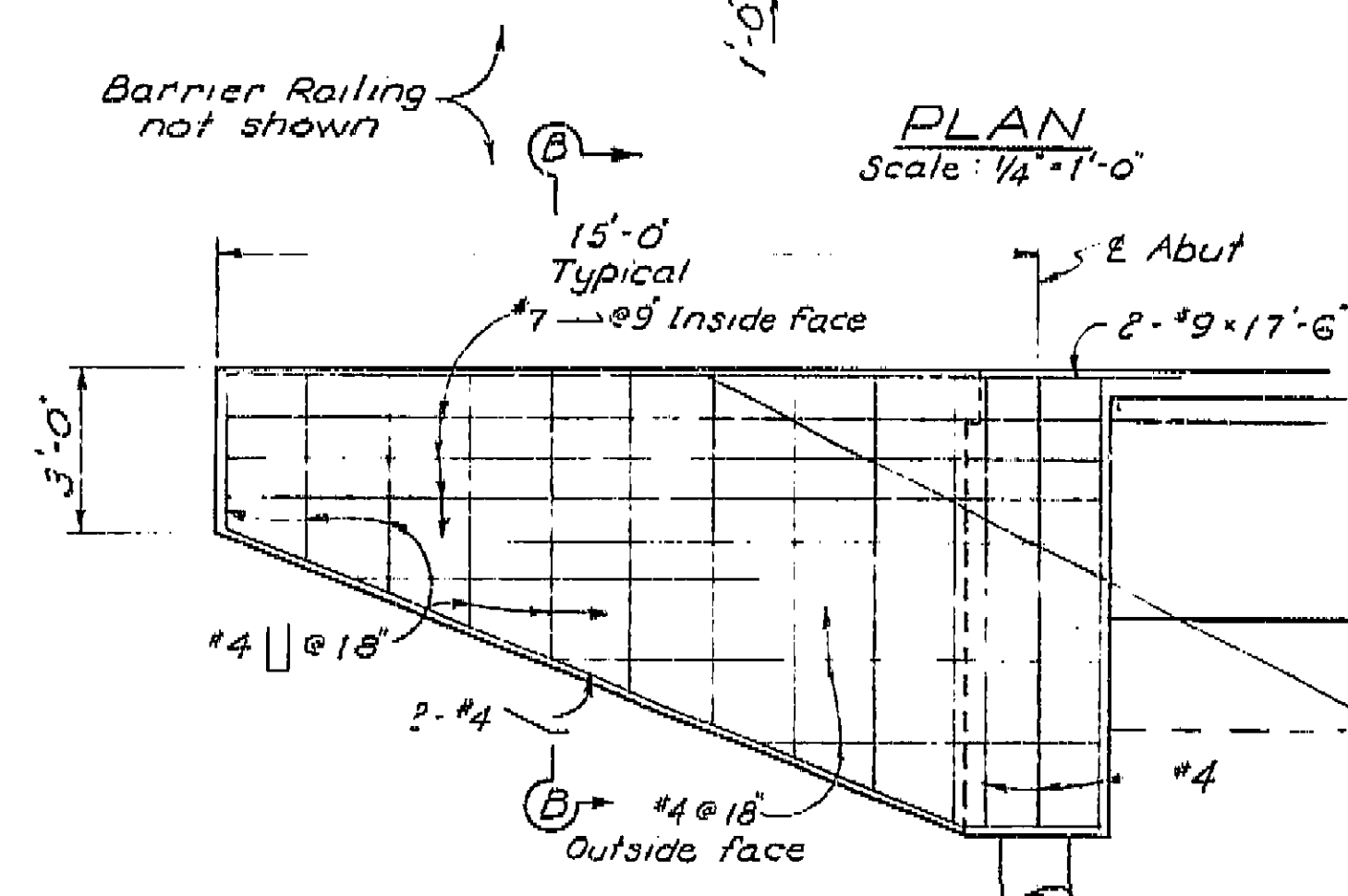
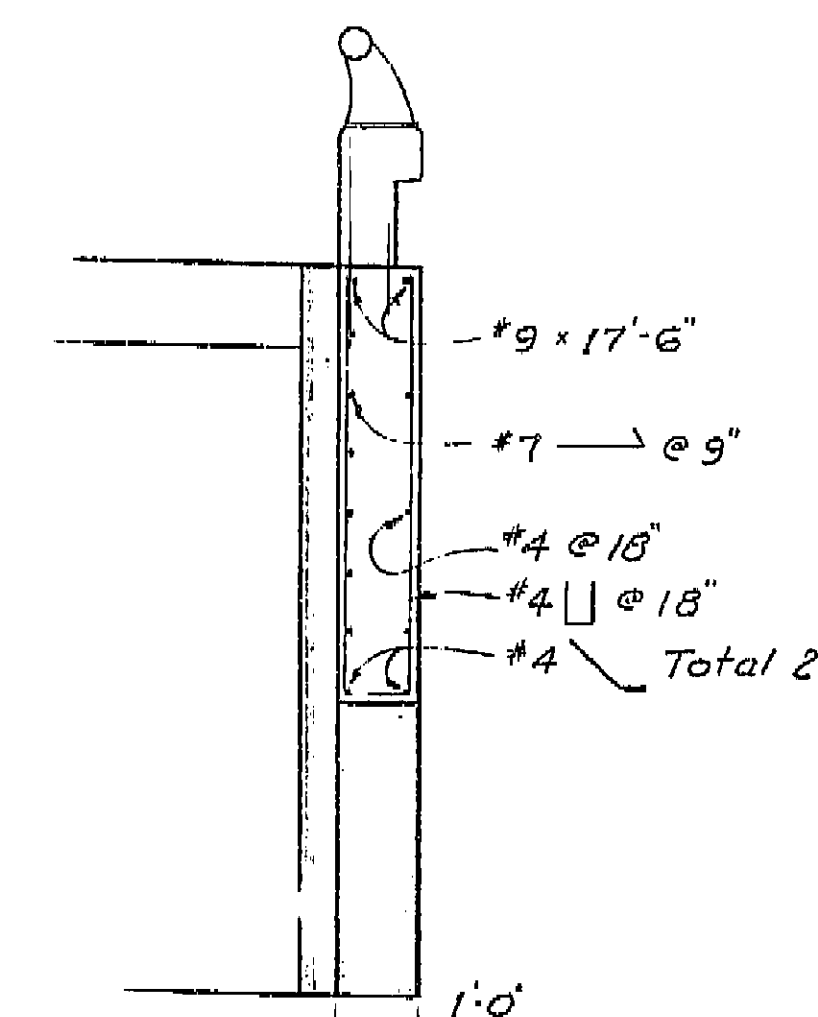
FED. ROAD DIV. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No	TOT MHE
7	CALIF.				

DIST.	COUNTY	ROUTE	SECTION	HYET NO.	TOTAL HYETS
06	Kin	198	R178 R220	205	224

DRLOY ENGINEER CIVIL ENGINEER - LICENSE 951



Note: Abut. 1 shown
Abut. 5 similar.



AS BUILT N.C.
CORRECTIONS BY P. Vucovich
CONTRACT NO. 06-015534 SSS
DATE 12-29-66 6-1-67

SHEET	OF
4	11

AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 600000021

BRIDGE DEPARTMENT		DESIGN SECTION	
Designer <u>Roger D. Smalley</u>			
DESIGN	No. <u>W-1 of 250</u>	Checked <u>C. R. R. Mar 26</u>	
DETAILS	No. <u>By Estimate 20 Dec 63</u>	Checked <u>W. E. R. Mar 26</u>	
QUANTITIES	No. <u>By R. D. Smalley</u>	Checked <u>W. E. R. Mar 26</u>	
SPECIFICATIONS	No. _____	Checked _____	
Approved Recommended by _____		Civil and Structural	\$410
		Quantity	\$10

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

ROUTE 43/198 SEPARATION

ABUTMENT DETAILS

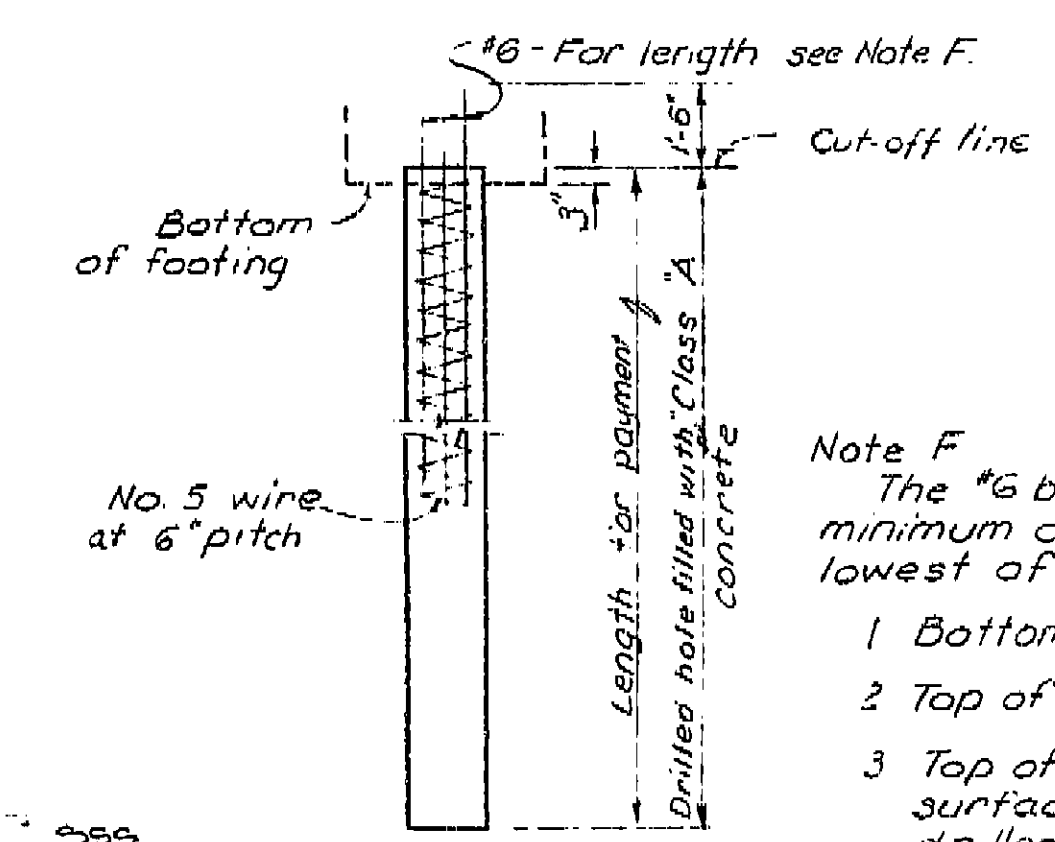
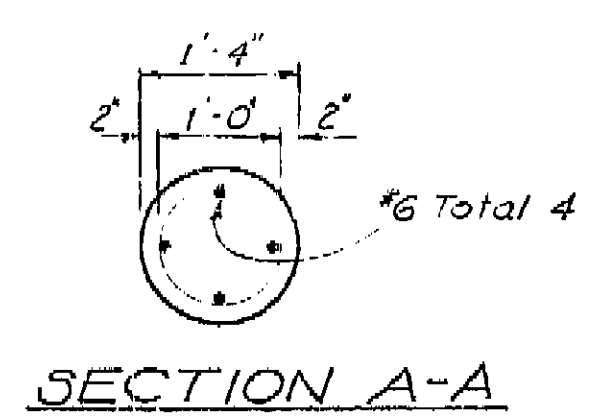
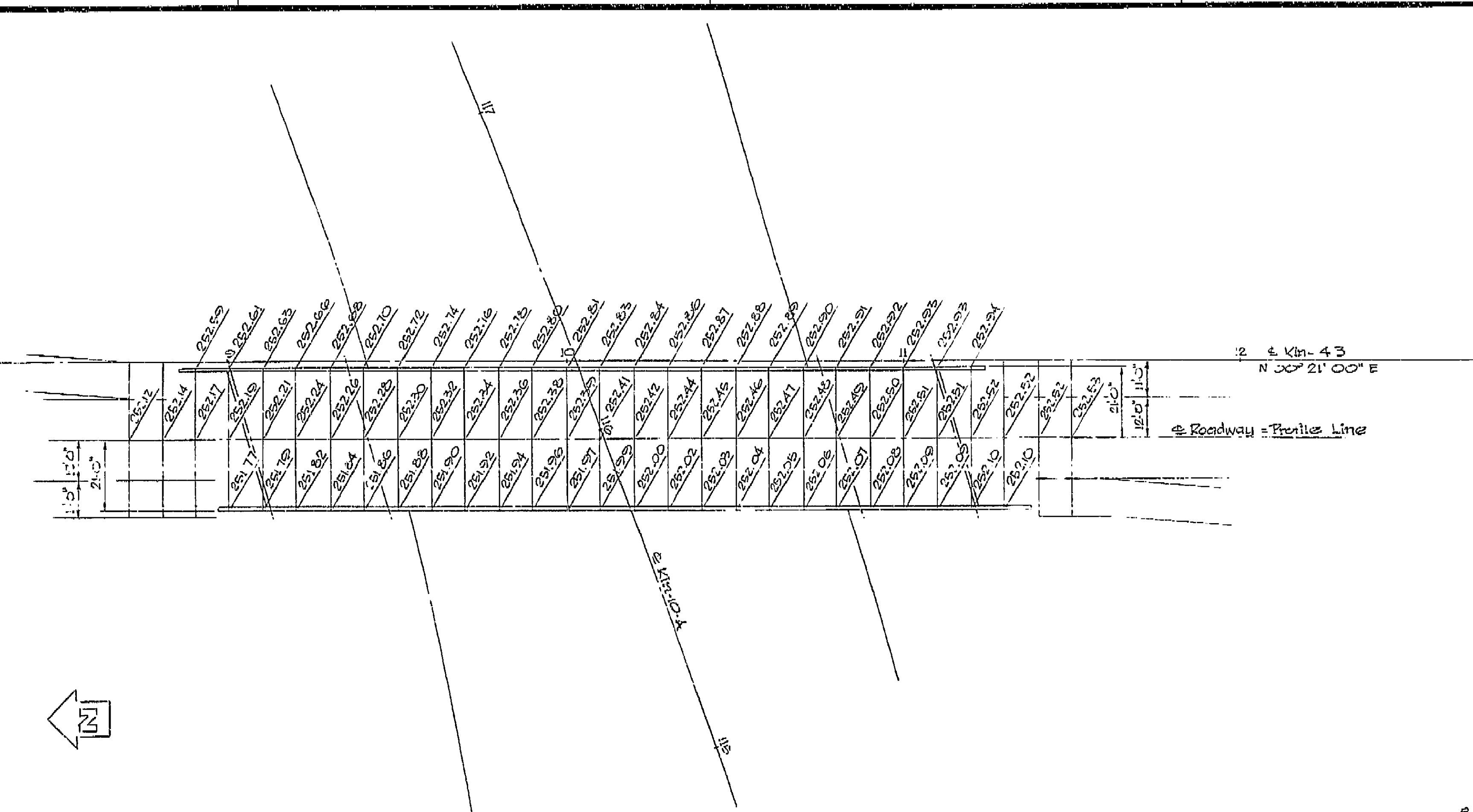
SCALE <i>As Noted</i>	BRIDGE <i>45-80</i>	FILE	DRAWING <i>4580-4</i>
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[illegible]

FED. ROAD DIST. NO.	STATE	F.A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.			

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
06	KIM	100	R178	203	224

DATE APPROVED: June 28, 1965



Note F
The #6 bars shall extend a minimum of 12'-0" below the lowest of the following:

- 1 Bottom of footing
- 2 Top of final ground surface.
- 3 Top of original ground surface when piles are drilled through fill.

Note:
Elevations are figured normal from Profile Line at 10' stations.
These elevations do not include camber.
Grid grades shown are 0.17' above concrete deck.

AS BUILT N.C.
CORRECTIONS BY R. Vucovich
CONTRACT NO. 06-015534
DATE 12-20-66

AS BUILT PLANS
Contract No. 06-015534
Date Completed 2-1-67
Document No. 60000021

BRIDGE DEPARTMENT DESIGN SECTION 3		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Section Supervisor: <i>Robert D. Smith</i>		ROUTE 43/198 SEPARATION	
DESIGN BY: <i>L. G. Smith</i>		GRID OF DECK ELEVATIONS	
DETAILS BY: <i>G. B. S.</i>		SCALE 1"=20'	
QUANTITIES BY: <i>R. B. S.</i>		BRIDGE 45-80	
CHECKED BY: <i>W. J. P. S.</i>		FILE	
PRELIMINARY DRAWING NO.		DRAWING 45-80-2	
REVISION DATES		P.	

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.			

DIST.	COUNTY	ROUTE	SECTION	POST MILES	TOTAL MILES
06	KIN	198	43	204	224

DATE APPROVED: June 28, 1965



GENERAL NOTES

DESIGN: AASHO dated 1961 with revisions and as supplemented by Bridge Planning and Design Manual.

LIVE LOADING: H20-S16-44 and Alternative

REINFORCED CONCRETE: $F_s = 20,000 \text{ psi}$, $N = 10$
 $F_c = 1,200 \text{ psi}$

FOOTING PRESSURE: (Tons P.S.F.)
Allowable 4 Tons P.S.F., Design 4 Tons P.S.F.
Bents 2, 3 & 4 only

AS BUILT PLANS

Contract No. 06-015534
Date Completed 2-1-67
Document No. 60000021

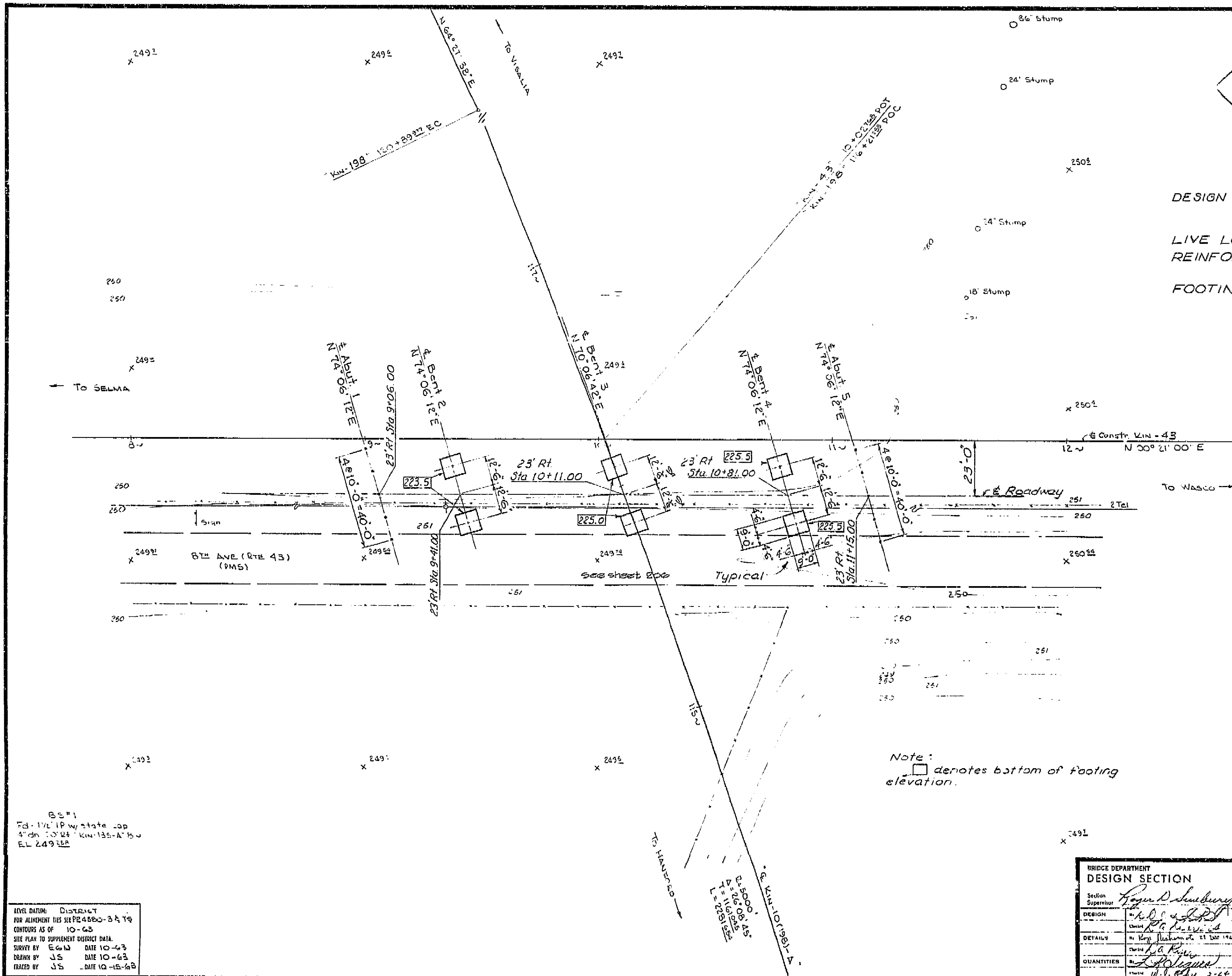
AS BUILT

CORRECTIONS BY P. Vucovich
CONTRACT NO. 06-015534
DATE 12-29-66

Note: denotes bottom of footing elevation.

BRIDGE DEPARTMENT DESIGN SECTION	
Section Supervisor	<i>Roger D. Schumacher</i>
DESIGN	<i>H. D. Schumacher</i>
DETAILS	<i>H. D. Schumacher</i>
QUANTITIES	<i>H. D. Schumacher</i>

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
ROUTE 43/198 SEPARATION			
FOUNDATION PLAN			
SCALE 1" = 20'	BRIDGE 43-80	FILE E-43	DRAWING 4380-3



LEVEL DATUM: DISTRICT
FOR ALIGNMENT TIES SEE PR 4580-3 & 19
CONTOURS AS OF 10-63
SITE PLAN TO SUPPLEMENT DISTRICT DATA.
SURVEY BY E. G. W. DATE 10-63
DRAWN BY J. S. DATE 10-63
CHECKED BY J. S. DATE 10-15-63

62-0610H0155.3